

C670.85  
S72h  
no. 34, n.d.

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**S T E A R N S**  
Established 1864

*Cat 34*

**HARDWARE**  
**POWER LAWN MOWERS**  
**LAWN MOWERS**  
**INCINERATORS**



*Value is not found in price alone, nor in quality alone;  
but in the most favorable combination of the two.*

**CATALOGUE NO. 34**

**E. C. STEARNS & CO. » » Syracuse, N. Y., U. S. A.**

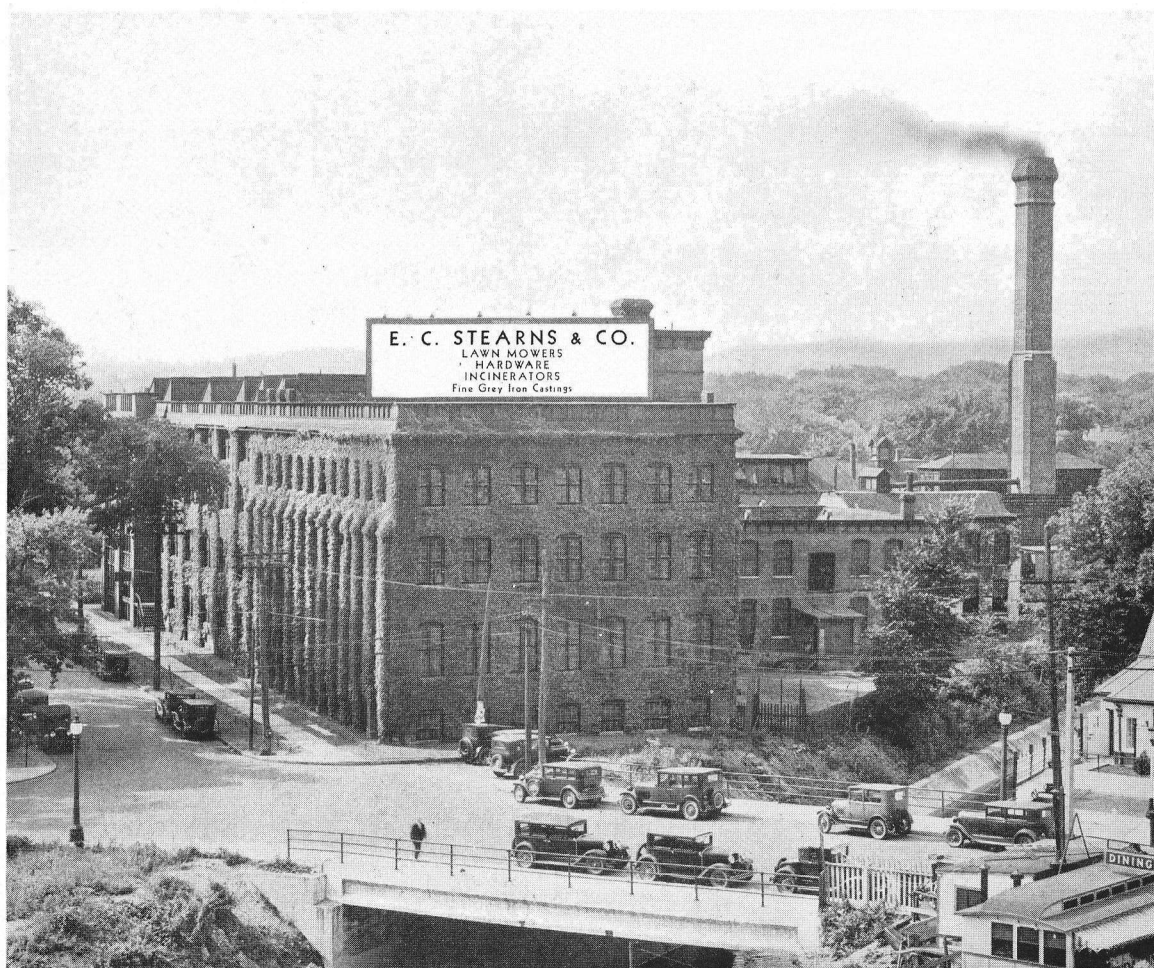


CG 7085  
S72h  
no. 34, n.d.

# STEARNS

ESTABLISHED 1864

*HARDWARE*  
*POWER LAWN MOWERS*  
*LAWN MOWERS*  
*INCINERATORS*



**E. C. STEARNS & CO.** » *Syracuse, N. Y., U. S. A.*



# STEARNS POWER LAWN MOWERS



*Equipment that Solves the  
Problem for the Owners of  
Oversize Plots of Grass*

WHEREVER THERE IS A PLOT OF GRASS too large to be cut conveniently by hand one of these businesslike machines can be employed to advantage. Light in weight, easy to handle, simple to operate, and thoroughly well built in every detail, each is truly a most practical piece of equipment.

NO ENGINEER NOR MECHANIC is needed to operate these mowers — just start the engine, throw in the clutch, and cut the grass. The controls are extremely simple and are conveniently located at the cross handle. Under its own power the mower proceeds across the lawn requiring only to be followed and guided. There are no complicated manipulations to be performed, no gadgets to fuss with, no exertion required beyond that of walking and guiding the machine.

INNUMERABLE APPLICATIONS exist where Stearns power mowers provide the best possible grass cutting equipment. Homes with large lawns, estates, clubs, parks, schools, cemeteries — in these and in many other places the low first cost, high cutting capacity, simplicity of operation, and low operating cost of these machines make them more practical tools for the work that has to be done than any others that could be selected.

PERFECT BALANCE OF DESIGN, as well as extreme simplicity of operation and construction, has been achieved in each of the four Stearns power mowers. So important are these factors in determining the mobility and general efficiency of operation of such equipment that these machines possess ground-covering ability and cutting capacity far in excess of that which their widths of cut alone would indicate.

The mechanical simplicity of Stearns Power Lawn Mowers permits them to be started and operated by anyone, without previous experience and without instruction.





## Extraordinary Quality

ALTHOUGH INEXPENSIVE IN PRICE — Stearns Power Lawn Mowers are characterized by the same skilful and practical engineering, by the same care in manufacture, and by the same unfailing durability as always have entered into the products of this company.

BUILT WITH A BACKGROUND of over forty years' experience in the production of high grade lawn mowers, the cutting units are specially designed and constructed throughout to yield maximum efficiency under the severe service conditions to which a power driven machine is naturally subjected. The engines are by Briggs & Stratton.

BEARING EQUIPMENT at all points is the best that can be had, consisting of the well known Hyatt roller bearings, Norma-Hoffmann ball bearings, and Timkin tapered roller bearings.

CHROME ALLOY STEEL of heavy lipped edge section is used in the bed plate knife. Special high carbon manganese steel is employed for the cylinder knives. These steels of greatest hardness and toughness constitute the best knife equipment obtainable.

THE REVOLVING CYLINDERS are built with five knives double riveted to heavy malleable iron spiders mounted on oversize steel shafts.

THE REAL ROLLER on all models is sectionalized to facilitate turning and handling the machine. Each roller section is carried on two Hyatt roller bearings.

TENSION ADJUSTMENTS are provided for all drive chains on all models. The slack can be taken up as the drive chain stretches in service. The troublesome removal of links to maintain proper chain tension is thus eliminated.

### Power

SMOOTH, DEPENDABLE POWER — so vitally essential to the operation of any power-driven lawn mower — is provided by Briggs & Stratton four-cycle, air-cooled motors.

THE BRIGGS & STRATTON CORPORATION is recognized as the foremost and best known manufacture of portable gas engines in America. The same rigid standards of precision and the same high quality of materials are employed in the manufacture of these motors as enter into the best constructed airplane and automobile engines.

EXTREME SIMPLICITY OF DESIGN with consequent ease of operation and freedom from mechanical difficulties insure long and satisfactory engine performance with a minimum of attention.

DIFFERENTIAL WHEEL ACTION is provided for on Models 18 and 21 by means of ratchet drive pinions. Models 24 and 27 are built with full bevel gear differential drives, the differential gears being completely housed in a grease filled case.

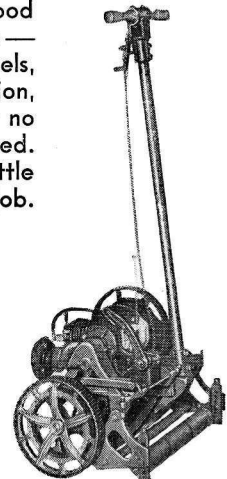
DISC CLUTCHES positive in action yet with easy, smooth engagement characteristics insure entire freedom from turf marring and cutting by the drive wheels.

STEARNS CASTINGS from our own foundry, famous since 1864 for the precision of its work and for the uniformly fine texture and strength of its iron, are used for all grey iron parts.

THE TOP PLATE of each machine is a one-piece, heavily ribbed casting which serves not only to support the engine, but also eliminates the use of handle braces of the usual type, and contributes substantially to the extremely rigidity and strength of the frame of the mower.

THE TUBULAR STEEL HANDLE in place of wood, and the convenient provision for folding the handle to minimize storage space requirements are merely details, but they illustrate the important fact that:

NOTHING HAS BEEN SPARED to make these machines just as good as they can be made — engines, bearings, steels, castings, frame construction, workmanship, details — at no point is quality compromised. After all it costs but little more to do a first-class job.

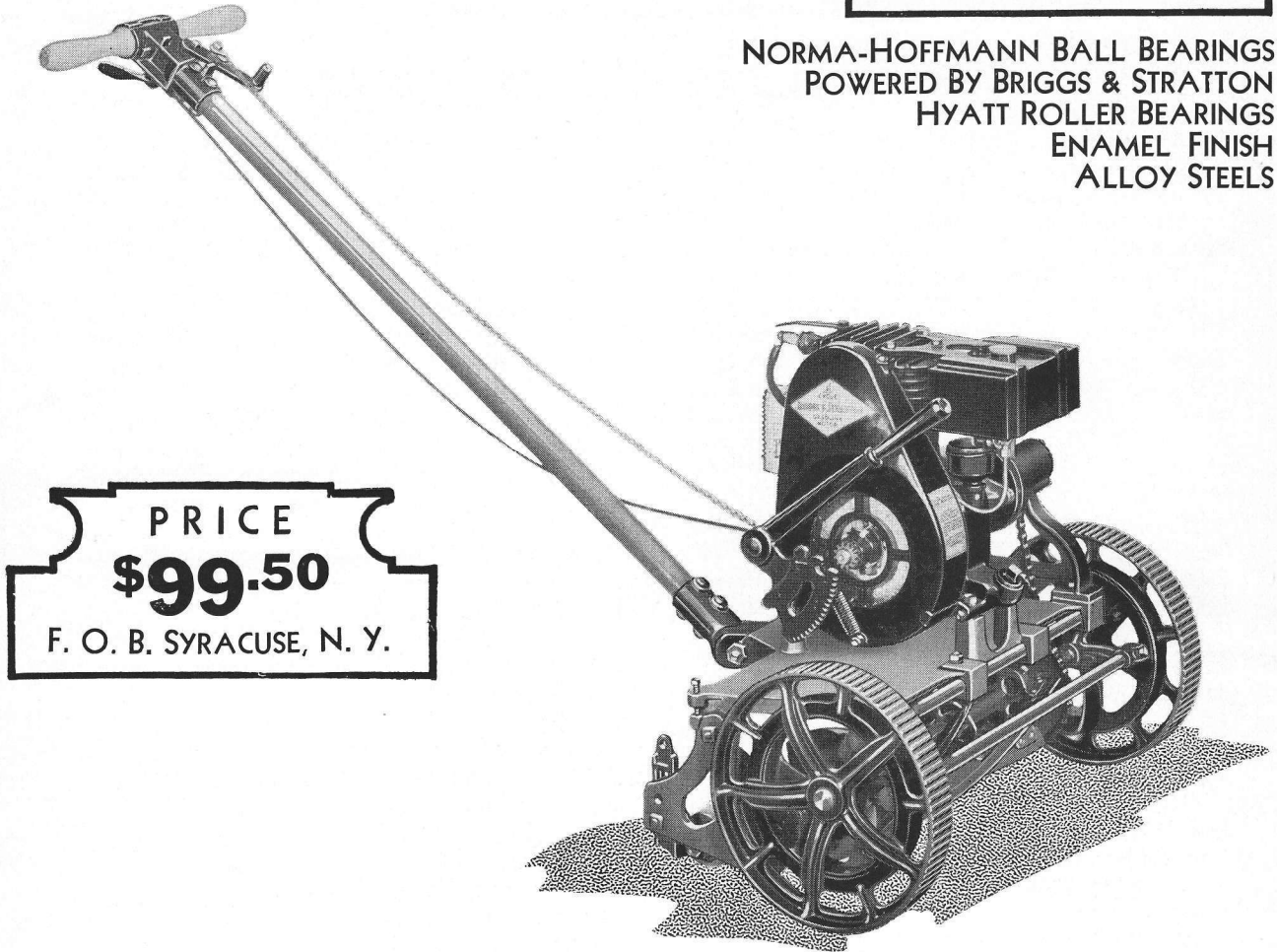


THE FOLDING HANDLE — an exclusive feature common to all models — reduces the space required for storage. A simple locking device holds the handle in its proper operating position when the machine is in use.



**STEARNS**  
SYRACUSE  
**POWER MOWER**  
**No. 18**

NORMA-HOFFMANN BALL BEARINGS  
POWERED BY BRIGGS & STRATTON  
HYATT ROLLER BEARINGS  
ENAMEL FINISH  
ALLOY STEELS



PRICE  
**\$99.50**

F. O. B. SYRACUSE, N. Y.

## ***Power Lawn Mower No. 18***

**Drive Wheels** — Open type, 11 inch diameter,  $1\frac{7}{8}$  inch tread.

**Cylinder** — Five manganese steel, self-sharpening blades, 6 inch diameter, double riveted to four malleable iron spiders on  $\frac{7}{8}$  inch diameter shaft.

**Bearings** — Hyatt roller bearings in the wheels and in triple section rear roller. Norma-Hoffmann ball bearings in cylinder, clutch mechanism, and drive shaft.

**Shipping Weight** — 180 pounds.

**Bed - Plate - Knife** — Chrome steel with lipped edge.

**Finish** — Weatherproof enamel. Frame gray, engine black, wheels and trim red.

**Engine** — Briggs & Stratton Model H, four-cycle, conservatively rated at one-half horse power.

**Width of Cut** — 18 inches.

**Height of Cut** —  $\frac{1}{2}$  to  $1\frac{1}{2}$  inches.

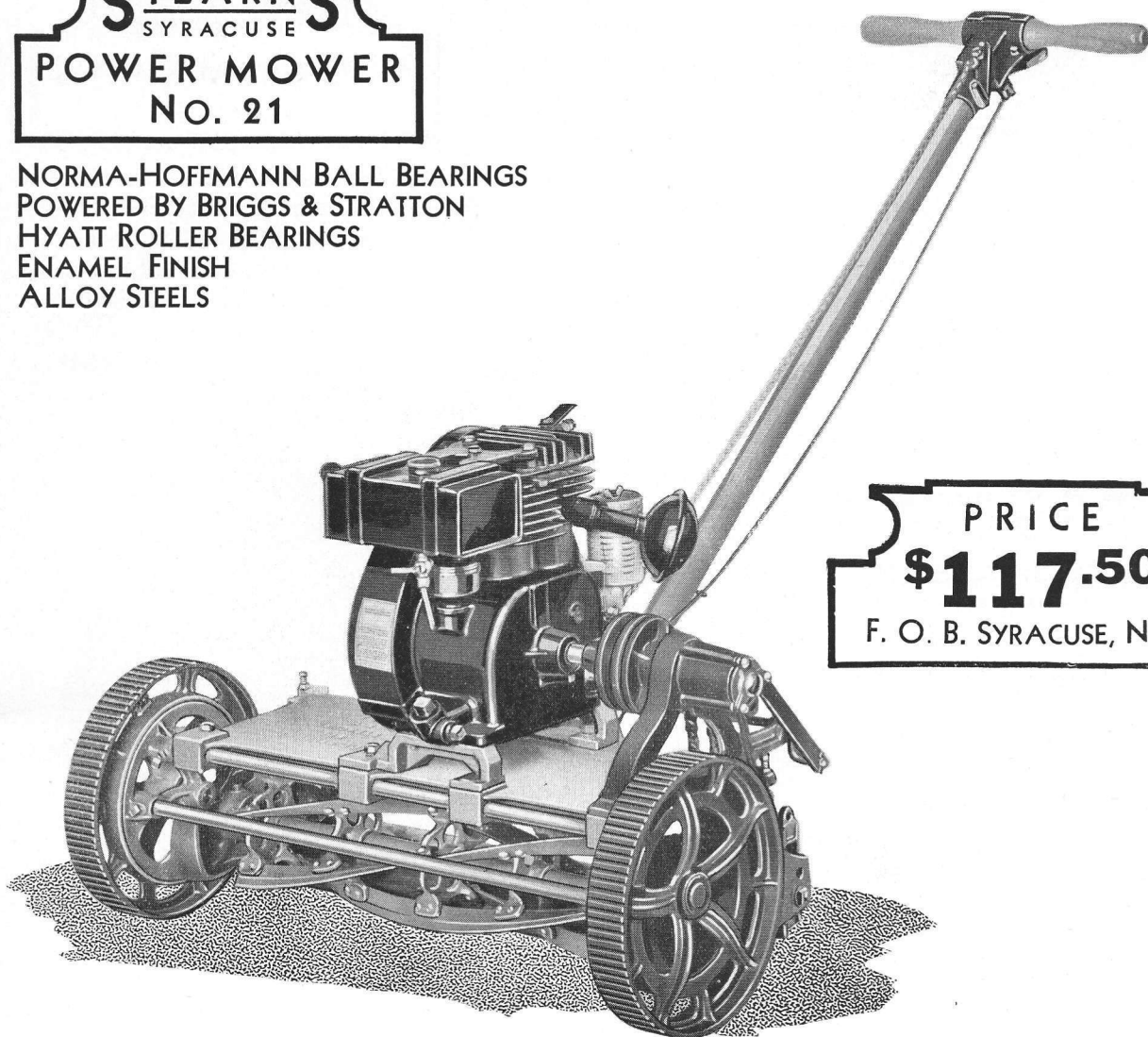
**Speed** —  $\frac{1}{2}$  to  $4\frac{1}{2}$  miles per hour.

**Net Weight** — 150 pounds.



**STEARNS**  
SYRACUSE  
**POWER MOWER**  
**No. 21**

NORMA-HOFFMANN BALL BEARINGS  
POWERED BY BRIGGS & STRATTON  
HYATT ROLLER BEARINGS  
ENAMEL FINISH  
ALLOY STEELS



**PRICE**  
**\$117.50**  
F. O. B. SYRACUSE, N. Y.

## ***Power Lawn Mower No. 21***

Drive Wheels — Open type, 11 inch diameter,  $2\frac{1}{4}$  inch tread.

Cylinder — Five manganese steel, self-sharpening blades, 6 inch diameter, double riveted to five malleable iron spiders on  $\frac{7}{8}$  inch diameter shaft.

Bearings — Hyatt roller bearings in the wheels and in triple section rear roller. Norma-Hoffmann ball bearings in cylinder, clutch mechanism, and drive shaft.

Shipping Weight — 200 pounds.

Bed - Plate - Knife — Chrome steel with lipped edge.

Finish — Weatherproof enamel. Frame gray, engine black, wheels and trim red.

Engine — Briggs & Stratton Model H, four-cycle, conservatively rated at one-half horse power.

Width of Cut — 21 inches.

Height of Cut —  $\frac{1}{2}$  to  $1\frac{1}{2}$  inches.

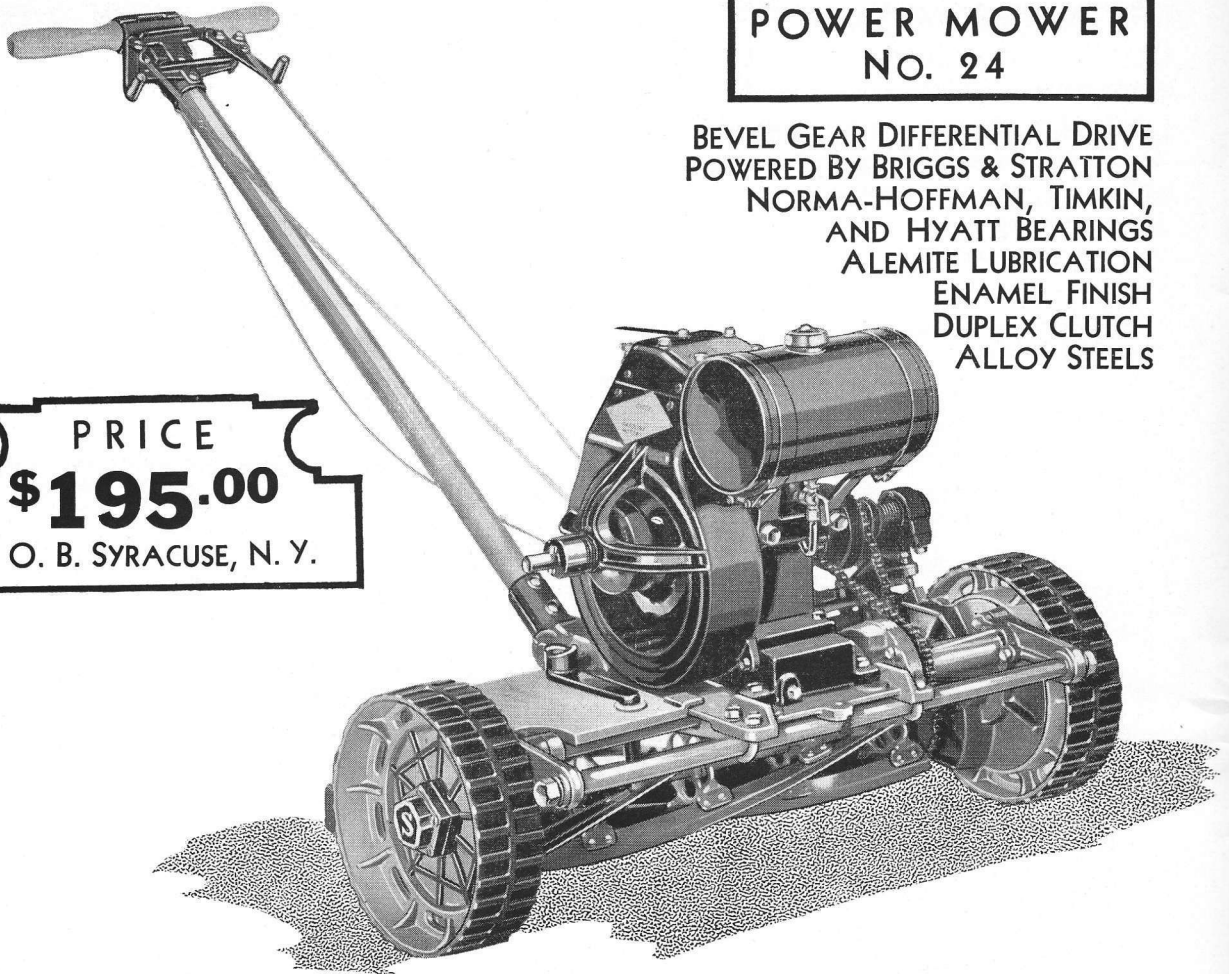
Speed —  $\frac{1}{2}$  to  $4\frac{1}{2}$  miles per hour.

Net Weight — 160 pounds.

**STEARNS**  
SYRACUSE  
**POWER MOWER**  
**No. 24**

BEVEL GEAR DIFFERENTIAL DRIVE  
POWERED BY BRIGGS & STRATTON  
NORMA-HOFFMAN, TIMKIN,  
AND HYATT BEARINGS  
ALEMITE LUBRICATION  
ENAMEL FINISH  
DUPLEX CLUTCH  
ALLOY STEELS

**PRICE**  
**\$195.00**  
F. O. B. SYRACUSE, N. Y.



## *Power Lawn Mower No. 24*

**Drive Wheels** — Disc type, 11 inch diameter, 3 inch tread, full differential action.

**Cylinder** — Five manganese steel, self-sharpening blades, 6 inch diameter, double riveted to five malleable iron spiders on one inch diameter shaft.

**Bearings** — Hyatt roller bearings in the wheels and in four-section rear roller. Norma-Hoffmann ball bearings in clutch mechanism and drive shaft. Timken tapered roller bearings in cylinder.

**Shipping Weight** — 285 pounds.

**Bed - Plate - Knife** — Chrome steel with lipped edge.

**Clutches** — Independent with separate control for reel and drive.

**Finish** — Weatherproof enamel. Frame gray, engine black, wheels tan, trim red.

**Engine** — Briggs & Stratton Model A, four-cycle, conservatively rated at one horse power.

**Width of Cut** — 24 inches.

**Height of Cut** —  $\frac{1}{2}$  to  $1\frac{1}{2}$  inches.

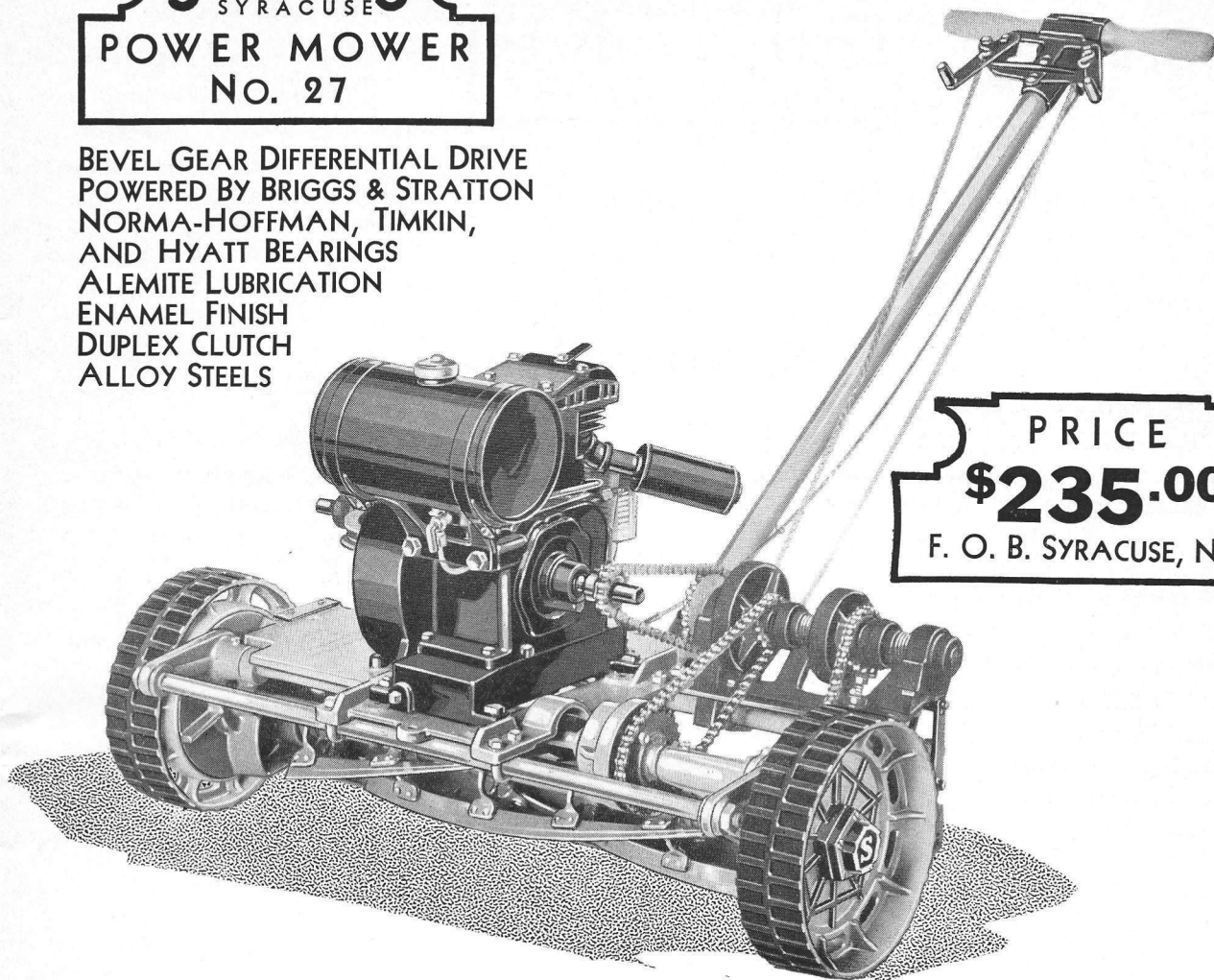
**Speed** —  $\frac{1}{2}$  to  $4\frac{1}{2}$  miles per hour.

**Net Weight** — 240 pounds.



# STEARNS SYRACUSE POWER MOWER No. 27

BEVEL GEAR DIFFERENTIAL DRIVE  
POWERED BY BRIGGS & STRATTON  
NORMA-HOFFMAN, TIMKIN,  
AND HYATT BEARINGS  
ALEMITE LUBRICATION  
ENAMEL FINISH  
DUPLEX CLUTCH  
ALLOY STEELS



PRICE  
**\$235.00**  
F. O. B. SYRACUSE, N. Y.

## *Power Lawn Mower No. 27*

**Drive Wheels** — Disc type, 11 inch diameter, 3 inch tread, full differential action.

**Cylinder** — Five manganese steel, self-sharpening blades, 6 inch diameter, double riveted to five malleable iron spiders on one inch diameter shaft.

**Bearings** — Hyatt roller bearings in the wheels and in four-section rear roller. Norma-Hoffmann ball bearings in clutch mechanism and drive shaft. Timken tapered roller bearings in cylinder.

**Shipping Weight** — 300 pounds.

**Bed - Plate - Knife** — Chrome steel with lipped edge.

**Clutches** — Independent with separate control for reel and drive.

**Finish** — Weatherproof enamel. Frame gray, engine black, wheels tan, trim red.

**Engine** — Briggs & Stratton Model A, four-cycle, conservatively rated at one horse power.

**Width of Cut** — 27 inches.

**Height of Cut** —  $\frac{1}{2}$  to  $1\frac{1}{2}$  inches.

**Speed** —  $\frac{1}{2}$  to  $4\frac{1}{2}$  miles per hour.

**Net Weight** — 250 pounds.



## *Applications*

CARE MUST BE EXERCISED in the selection of power mower equipment to insure maximum efficiency and minimum cost. A unit that is oversize relative to the area it is to cover is just as inefficient as one that is undersize. The nature of the ground and the presence or absence of numerous beds, shrubbery clumps, trees, and the like are also factors that should be considered.

NO SET RULES can be formulated that will provide an infallible guide to be followed in making the selection of such equipment. But it should be remembered that even fairly large areas intercepted by numerous beds and other obstacles to straight-away mowing frequently can be cut in less time with the lighter and smaller machines such as No. 18 and No. 21, than with the larger units.

ON THE OTHER HAND large open areas can always be covered more rapidly with machines like No. 24 and No. 27 than with the smaller mowers, and the selection of the larger units is indicated in such cases.

THE CUTTING CAPACITIES of power mowers frequently are stated in indefinite terms. Stearns

mowers, like any others of similar widths of cut, when operated at an average speed of  $3\frac{1}{2}$  miles per hour and with a suitable overlap of cut will cover approximately the following areas:

Model	Width of Cut	Sq. Ft. per Hour	Acres per Hour
No. 18	18"	24,000	5/9
No. 21	21"	29,000	2/3
No. 24	24"	33,000	3/4
No. 27	27"	38,000	7/8

THE MOBILITY AND BALANCE of a power mower are the characteristics that determine the speed that can be maintained without undue exertion on the part of the operator. It is a fact that every one of these Stearns mowers can be operated easily at an average speed of  $3\frac{1}{2}$  miles per hour under open field conditions.

THE AMOUNT OF GRASS satisfactorily cut per dollar of overall cost is the true measure of effectiveness of any lawn mower, and measured by this standard every Stearns power lawn mower suitably applied will rank ahead of all others.

## *Prices*

*The list prices of Stearns Power Lawn Mowers shown in this catalog are subject to change without notice.*





# E. C. STEARNS & CO.

MANUFACTURERS OF  
HARDWARE, LAWNMOWERS, INCINERATORS  
FOUNDERS OF  
FINE GREY IRON CASTINGS

PHONE 2-7161

*Syracuse, N.Y., U.S.A.*

Mr. Buyer and  
Mr. Merchant

Gentlemen:

Let's take stock of this hand lawn mower situation from a commonsense standpoint for a moment.

I think you will agree with me when I say that there has been a general inclination to put a lot too much thought on the problem of how to make, buy, and sell 10-inch and 8-inch-wheel ball bearing mowers at the lowest possible prices, to the serious neglect of the far more important problem of how to make money on lawn mowers.

After all that's what we want to do with lawn mowers, isn't it? What's the point in going through a lot of exercise merely to swap dollars or worse, when by the use of a little head-work we can write up a substantial profit on our books at the end of the lawn mower season?

Quality counts these days as never before. Price as always remains a vitally important factor. Quality and price combined in the most favorable manner constitute real value, and real value is what customers are seeking nowadays like nobody's business.

STEARNS Standard Brand mowers are always competitively priced, but their outstanding quality and appearance set them apart from the run of the market in their price class. STEARNS Superior Brand mowers possess every feature that can be built into a lawn mower plus very distinctive appearance. Yet they are so reasonably priced relative to the competitive models as to make the process of trading-up simple beyond belief.

If your mower sales do not include upward of 35 per cent "better grade" machines priced above the competitive types of machines you are not making the money on lawn mowers that you could make with the STEARNS line, and I would like to help you.

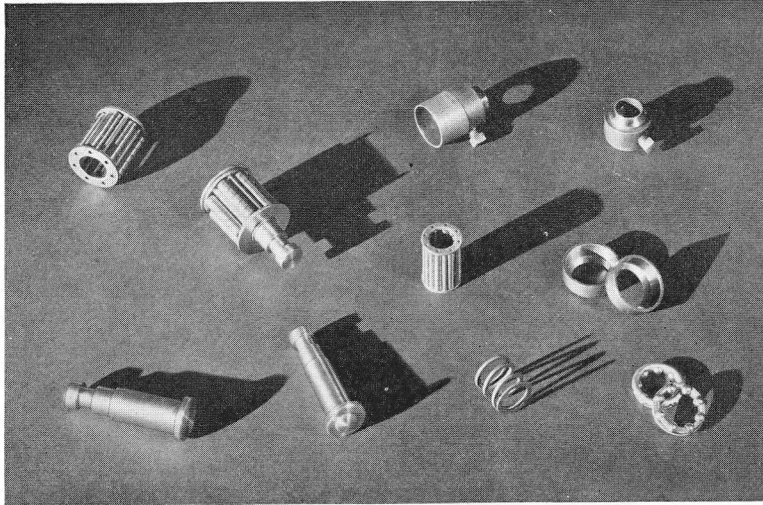
Sincerely yours,

*L. F. Reid*

Sales Manager.

LFR/LS

# STEARNS SYRACUSE LAWN MOWERS A Few Distinctive Details

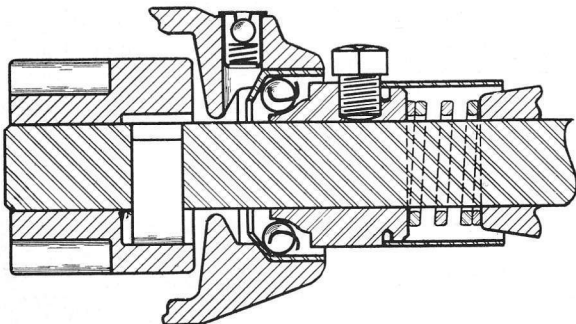
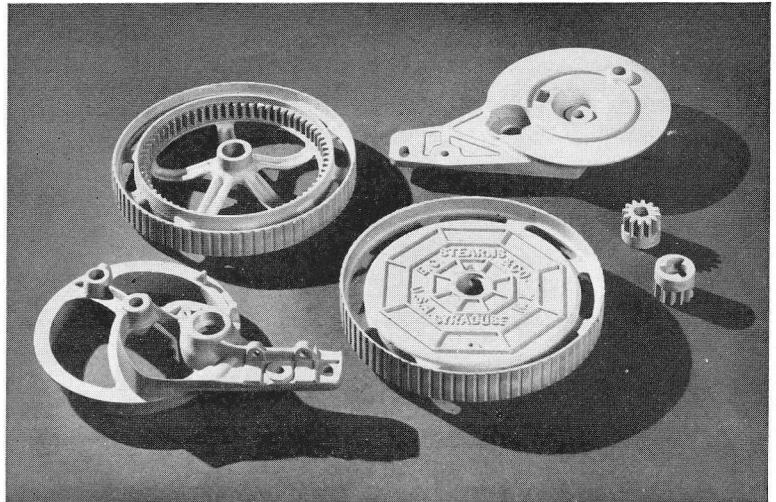


STURDY, ACCURATELY MACHINED steel studs carry the wheels of every Stearns Mower. They are shouldered where they enter the side plates and notched to receive the set screws that hold them.

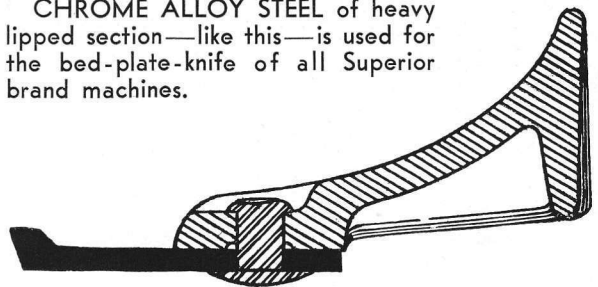
THE QUALITY OF CASTINGS and the accuracy of gears are factors of vital importance in lawn mower construction. Every Stearns lawn mower casting and gear comes from the Stearns foundry—famous since 1864 for the precision of its molding and for the uniformly fine texture and high quality of its iron.

THE WHEELS of all Stearns Superior brand mowers run on Hyatt roller bearings. These, with the unbreakable steel studs, constitute the finest wheel bearing equipment that can be provided.

SELF-ALIGNING cylinder bearings are standard on all models. The tapered cup and the convex-surfaced cone provide superior rigidity by affording maximum areas of contact between these members and the balls. The cone is securely fixed in its working position and is automatically spring adjusted when its set screw is released.



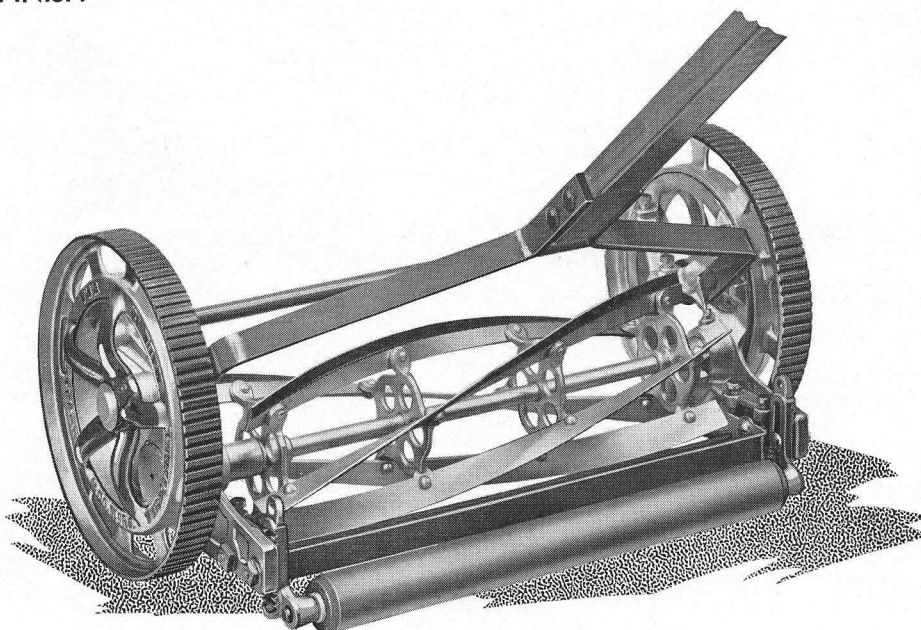
CHROME ALLOY STEEL of heavy lipped section—like this—is used for the bed-plate-knife of all Superior brand machines.





# STEARNS SUPERIOR LAWN MOWER MODEL 115

ROLLER BEARING  
BALL BEARING  
ALLOY STEELS  
ENAMEL FINISH



## Model 115 Open Housing and Wheel Specifications

Drive Wheels—11 inch diameter,  $1\frac{3}{8}$  inch tread, roller bearing equipped.

Cylinder—Five manganese steel self-sharpening blades, 6 inch diameter, ball bearing, open type malleable iron spiders.

Bearings—Hyatt roller bearings in wheels. Spring adjusted precision cone and ball bearings in cylinder.

Bed-Plate-Knife—Chrome steel with lipped edge.

Height of Cut— $\frac{1}{2}$  to  $1\frac{1}{2}$  inch.

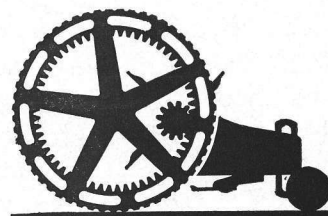
Width of Cut—14-16-18-20 inches.

Shipping Wt.—50-54-58-62 pounds.

Weatherproof Enamel Finish—Frame tan, striped and trimmed in brown; wheels brown, black treads, black spokes striped with gold.

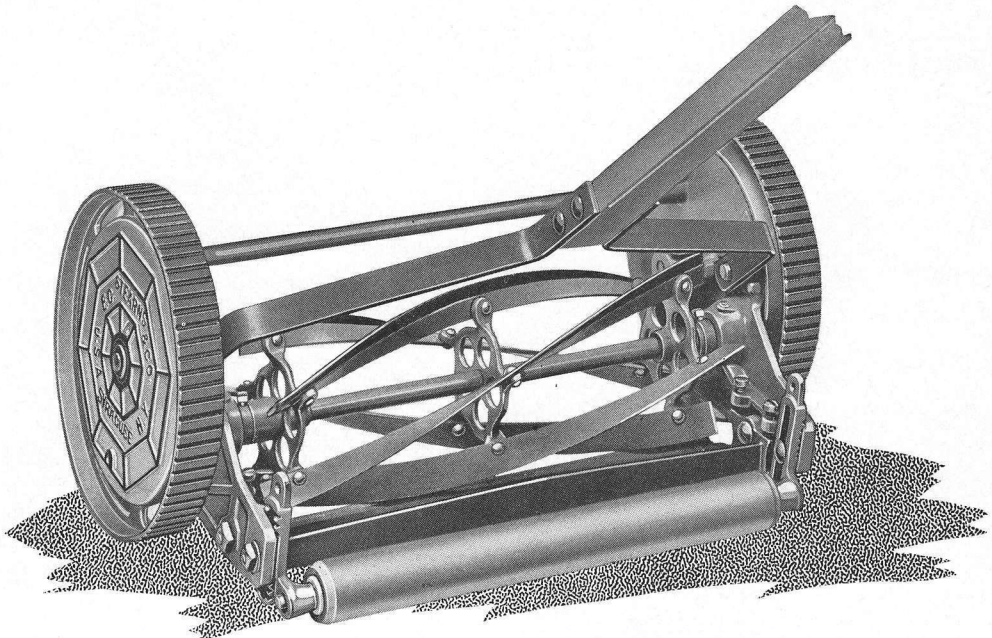
Handle—Hard wood, varnished, high finish. Wood Roller, hardwood, varnished, carried on steel pin bearings in malleable brackets.

BUILT WITH  
PRECISION  
CASTINGS FROM  
THE STEARNS  
FOUNDRY



**STEARNS**  
SUPERIOR  
**LAWN MOWERS**  
MODELS 204 and 205

ROLLER BEARING  
BALL BEARING  
ALLOY STEELS  
ENAMEL FINISH



**Models 204 and 205**  
***Closed Housing » Disc Wheel » Wide Tread***  
**Specifications**

Drive Wheels—10 inch diameter,  $1\frac{3}{8}$  inch tread, roller bearing equipped.

Cylinder—Four blades on Model 204, and five blades on Model 205, manganese steel, self-sharpening, 6 inch diameter, ball bearing. Open type malleable iron spiders.

Bearings—Hyatt roller bearings in wheels. Spring adjusted precision cone and ball bearings in cylinder.

Bed-Plate-Knife—Chrome steel with lipped edge.

Height of Cut— $\frac{1}{2}$  to  $1\frac{1}{2}$  inch.

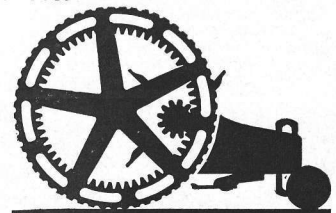
Width of Cut—14-16-18-20 inches.

Shipping Wt.—48-52-56-60 pounds.

Weatherproof Enamel Finish: Model 204 —Frame tan, black trim; wheels tan, brown trim, black tread. Model 205 Frame blue-green, red trim; wheels tan, brown trim, black tread.

Handle—Hard wood, varnished, high finish. Wood roller, hard wood, varnished, carried on steel pin bearings in malleable brackets.

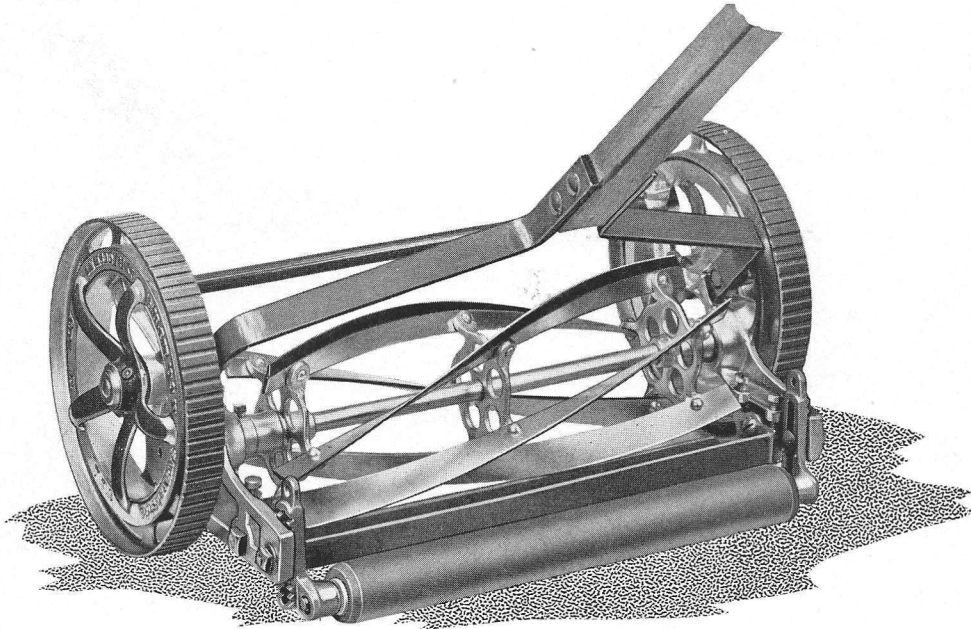
BUILT WITH  
PRECISION  
CASTINGS FROM  
THE STEARNS  
FOUNDRY





# STEARNS SUPERIOR LAWN MOWERS MODELS 104 and 105

ROLLER BEARING  
BALL BEARING  
ALLOY STEELS  
ENAMEL FINISH



## Models 104 and 105 Open Housing and Wheel Specifications

**Drive Wheels**—10 inch diameter,  $1\frac{1}{4}$  inch tread, roller bearing equipped.

**Cylinder**—Four blades on Model 104, and five blades on Model 105, manganese steel, self-sharpening, 6 inch diameter, ball bearing. Open type malleable iron spiders.

**Bearings**—Hyatt roller bearings in wheels. Spring adjusted precision cone and ball bearings in cylinder.

**Bed-Plate-Knife**—Chrome steel with lipped edge.

**Height of Cut**— $\frac{1}{2}$  to  $1\frac{1}{2}$  inch.

**Width of Cut**—14-16-18-20 inches.

**Shipping Wt.**—46-50-54-58 pounds.

**Weatherproof Enamel Finish:** Model 104—Frame tan, black trim; wheels red, black spokes and tread. Model 105—Frame blue-green, red trim; wheels red, black spokes and tread.

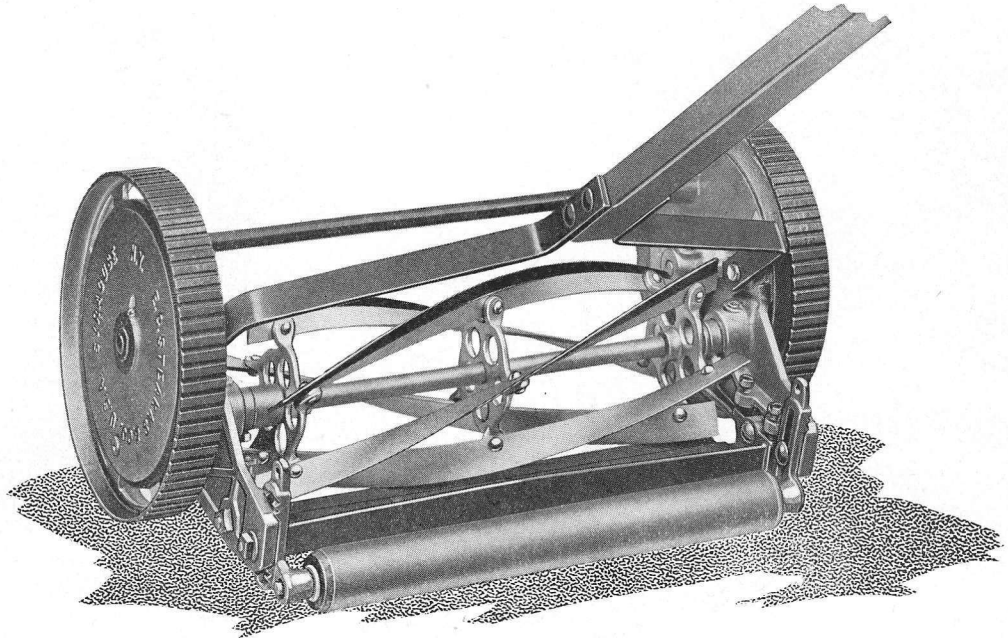
**Handle**—Hard wood, varnished, high finish. Wood roller, hard wood, varnished, carried on steel pin bearings in malleable brackets.

BUILT WITH  
PRECISION  
CASTINGS FROM  
THE STEARNS  
FOUNDRY



**STEARNS**  
STANDARD  
**LAWN MOWERS**  
MODELS 420 and 520

BALL BEARING  
CRUCIBLE STEELS



**Models 420 and 520**  
*Closed Housing » Disc Wheel » Wide Tread*  
**Specifications**

Drive Wheels—10 inch diameter,  $1\frac{3}{8}$  inch tread.

Cylinder—Four blades on Model 420, and five blades on Model 520, crucible steel, self-sharpening, 6 inch diameter, ball bearing. Open type malleable iron spiders.

Bearings—Spring adjusted precision cone and ball bearings in cylinder.

Bronze Finish: Model 420—Frame gold, striped and trimmed in red; wheels copper, blue tread and trim. Model 520 — Frame copper striped and trimmed in blue; wheels copper, blue tread and trim.

Handle—Hard wood, varnished, high finish. Wood roller, hard wood, varnished, carried on steel pin bearings in malleable brackets.

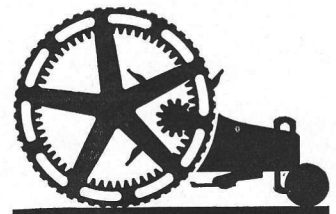
Bed-Plate-Knife—Crucible steel.

Height of Cut— $\frac{1}{2}$  to  $1\frac{1}{2}$  inch.

Width of Cut—14-16-18 inches.

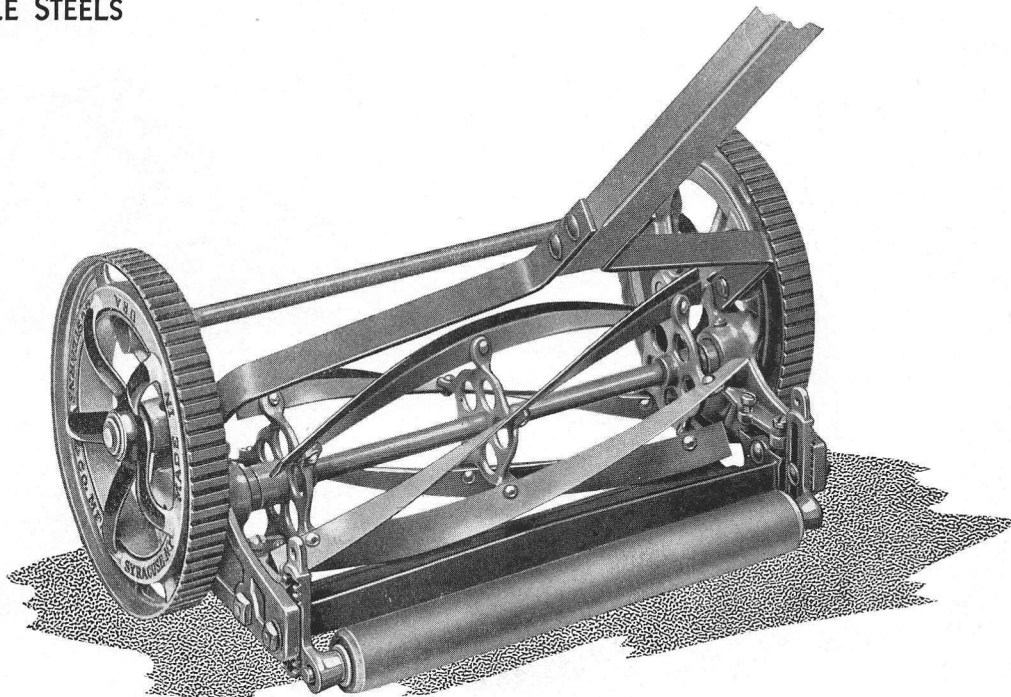
Shipping Wt.—46-50-54 pounds.

BUILT WITH  
PRECISION  
CASTINGS FROM  
THE STEARNS  
FOUNDRY



# STEARNS STANDARD LAWN MOWERS MODELS 410 and 510

BALL BEARING  
CRUCIBLE STEELS



## Models 410 and 510 Open Housing and Wheel Specifications

Drive Wheels—10 inch diameter,  $1\frac{1}{4}$  inch tread.

Cylinder—Four blades on Model 410, and five blades on Model 510, crucible steel self-sharpening, 6 inch diameter, ball bearing. Open type malleable iron spiders.

Bearings—Spring adjusted precision cone and ball bearings in cylinder.

Bronze Finish: Model 410—Frame gold, striped and trimmed in red; wheels copper, green tread and spokes. Model 510—Frame copper, striped and trimmed in blue; wheels copper, green tread and spokes.

Handle—Hard wood, varnished, high finish. Wood roller, hard wood, varnished, carried on steel pin bearings in malleable brackets.

Bed-Plate-Knife—Crucible steel.

Height of Cut— $\frac{1}{2}$  to  $1\frac{1}{2}$  inch.

Width of Cut—14-16-18 inches.

Shipping Wt.—44-48-52 pounds.

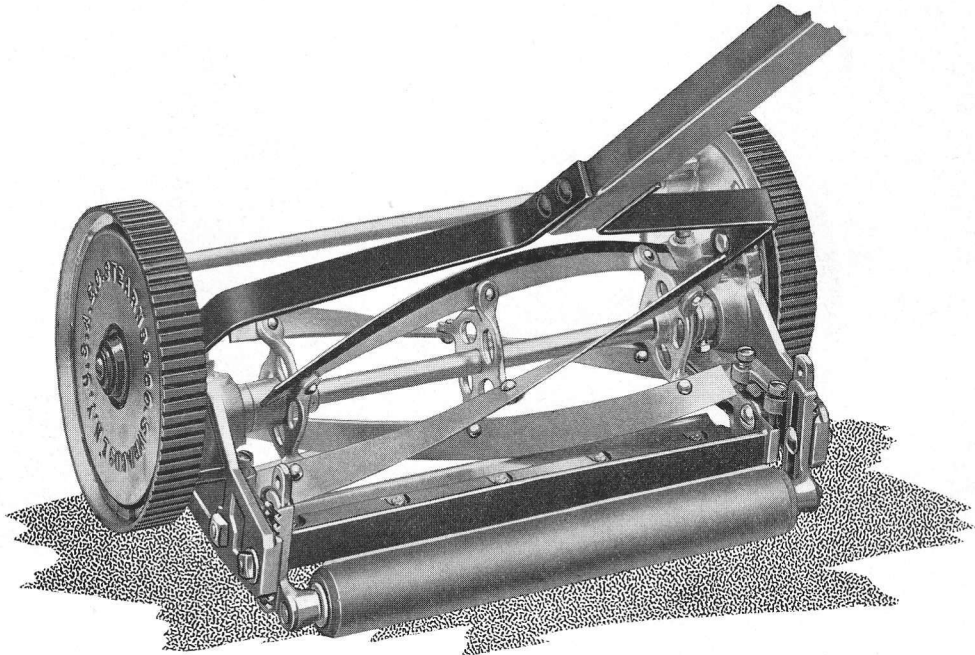
BUILT WITH  
PRECISION  
CASTINGS FROM  
THE STEARNS  
FOUNDRY





**STEARNS**  
STANDARD  
**LAWN MOWER**  
MODEL 280

BALL BEARING  
CRUCIBLE STEELS



**Model 280**  
*Closed Housing » Disc Wheel » Wide Tread*

**Specifications**

Drive Wheels — 8 inch diameter,  $1\frac{1}{4}$  inch tread.

Cylinder—Four crucible steel blades, self-sharpening,  $5\frac{1}{2}$  inch diameter, ball bearing. Open type malleable iron spiders.

Bearings—Spring adjusted precision cone and ball bearings in cylinder.

Bed-Plate-Knife—Crucible steel.

Height of Cut— $\frac{1}{2}$  to  $1\frac{1}{2}$  inch.

Width of Cut—12-14-16 inches.

Shipping Wt.—39-41-43 pounds.

Bronze Finish: Frame gold, striped and trimmed in red; wheels gold, black tread and trim.

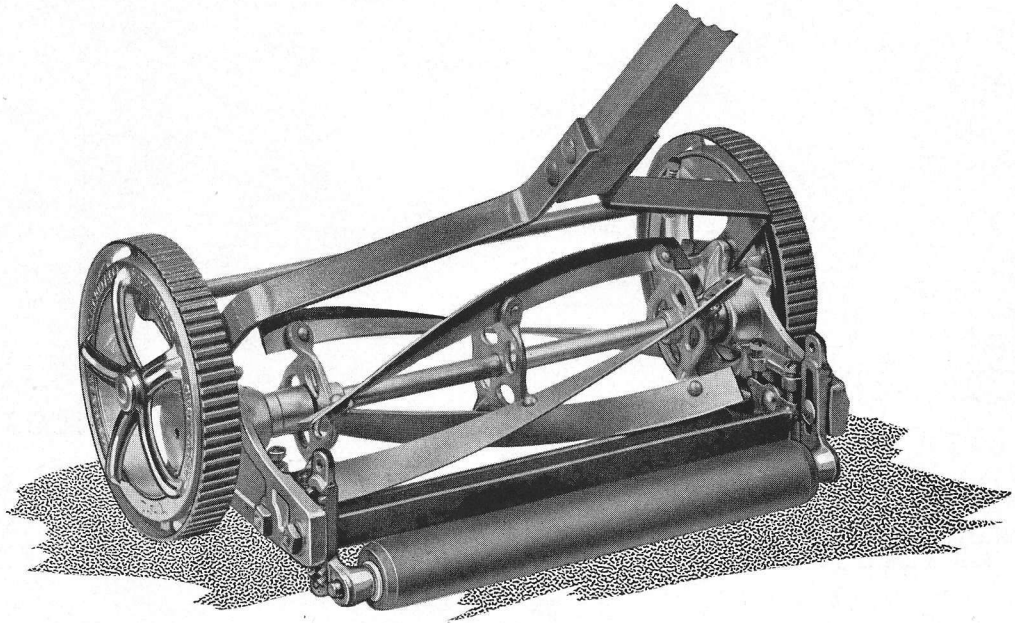
Handle—Hard wood, varnished, high finish. Wood roller, hard wood, varnished, carried on steel pin bearings in malleable brackets.

BUILT WITH  
PRECISION  
CASTINGS FROM  
THE STEARNS  
FOUNDRY



**STEARNS**  
STANDARD  
**LAWN MOWER**  
MODEL 480

BALL BEARING  
CRUCIBLE STEELS



**Model 480**  
*Open Housing and Wheel*  
**Specifications**

Drive Wheels — 8 inch diameter,  $1\frac{1}{8}$  inch tread.

Cylinder—Four crucible steel blades, self-sharpening,  $5\frac{1}{2}$  inch diameter, ball bearing. Open type malleable iron spiders.

Bearings—Spring adjusted precision cone and ball bearings in cylinder.

Bed-Plate-Knife—Crucible steel.

Height of Cut— $\frac{1}{2}$  to  $1\frac{1}{2}$  inch.

Width of Cut—12-14-16 inches.

Shipping Wt.—38-40-42 pounds.

Bronze Finish: Frame gold, striped and trimmed in red; wheels gold, green tread and spokes.

Handle—Hard wood, varnished, high finish. Wood roller, hard wood, varnished, carried on steel pin bearings in malleable brackets.

BUILT WITH  
PRECISION  
CASTINGS FROM  
THE STEARNS  
FOUNDRY

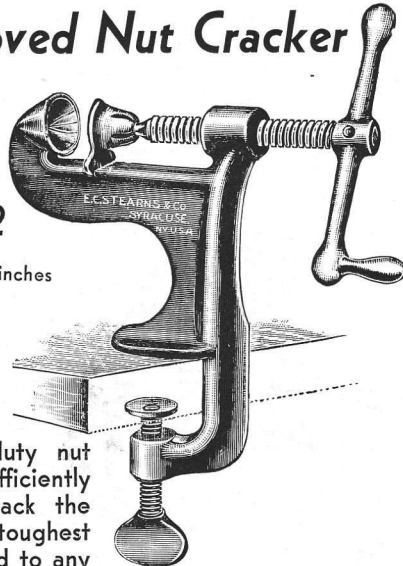


# STEARNS NUT CRACKERS BROILETTES

## Improved Nut Cracker

No. 2

Size closed 7 x 7 inches

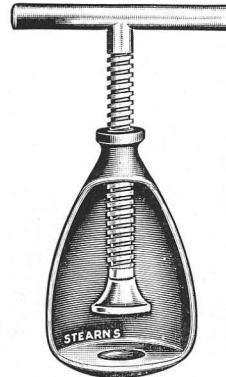


A heavy-duty nut cracker — sufficiently rugged to crack the hardest and toughest nuts. Attached to any table or shelf it is very simple to operate, and holds the nut high enough to allow it to drop into a bowl when cracked.

### List Price

White Nickel Finish, per dozen.....\$ 15.00  
Packed one in a box. Weight per dozen 22 lb.

## "Krackit" Hand Nut Cracker



A convenient, quick acting nut cracker. One turn of the handle cracks the nut without crushing the kernel.

For pecans, walnuts, almonds, filberts and brazil nuts.

Steel screw has deep and powerful thread.

Will crack nuts up to 2 inches long.

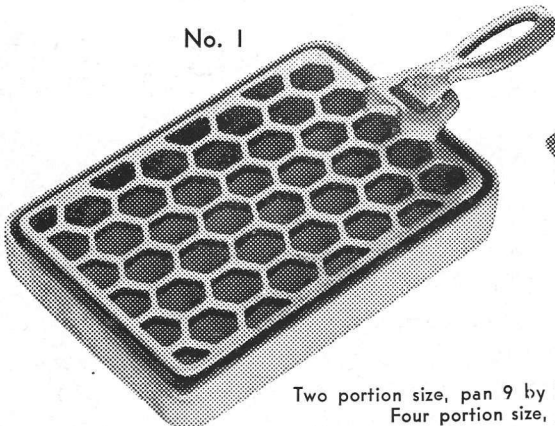
Frame  $3\frac{1}{2}$  x  $2\frac{1}{8}$  inches.  
T-Handle  $3\frac{3}{8}$  inches.

### List Prices

No. 20 — Satin Finish, per dozen.....\$ 4.50  
No. 22 — Porcelain Enamel, per dozen..... 7.50  
No. 23 — Polished Chromium, per dozen... 9.00  
Packed one in a carton. Twelve in display carton.  
Weight per dozen,  $7\frac{1}{2}$  lb.

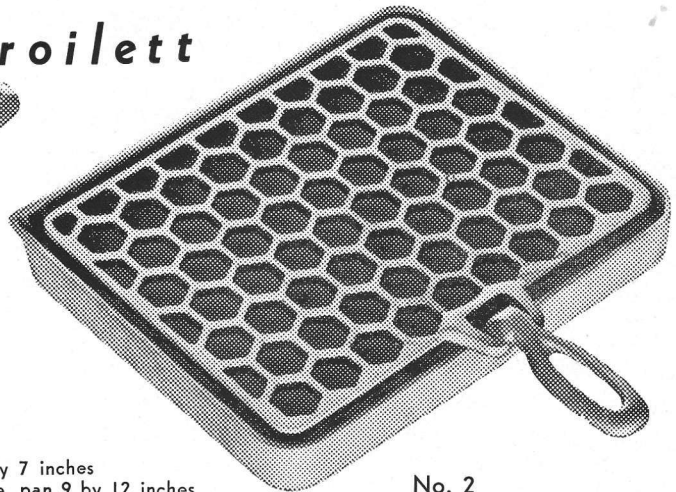
## Broilett

No. 1



Two portion size, pan 9 by 7 inches  
Four portion size, pan 9 by 12 inches

A combination pan and grid of durable, close-grained iron. Under the oven flame of the gas stove, or under the broiler element of the electric stove, the grid supports the food and the pan holds the heat. It also catches the drip.



No. 2

There's only a fraction of the work afterwards, because the larger, less easily handled broiler parts of the stove remain unused and clean. The pan alone may be used as a skillet.

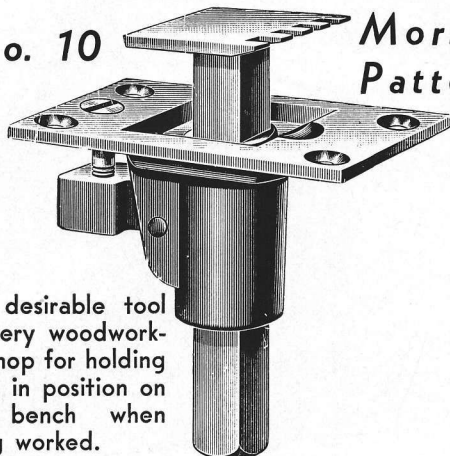
### List Prices

No. 1 — Weight per dozen 60 lb., per dozen.....\$ 9.00  
No. 2 — Weight per dozen 80 lb., per dozen..... 12.00  
No. 1 packed 24 in a carton. No. 2 packed 12 in a carton



**STEARNS**  
BENCH STOPS  
MITRE BOX

**Bench Stop**  
**No. 10** *Morrill*  
*Pattern*



A desirable tool in every woodworking shop for holding wood in position on the bench when being worked.

Is readily attached by boring  $\frac{5}{8}$  inch hole through the top of bench.

Quickly adjustable and reversible.

Body of iron. Head of malleable iron. Post of solid steel. Face of Bench Stop polished.

Body  $3\frac{3}{8} \times 1\frac{7}{8}$  inches.

Head  $1\frac{3}{16}$  inches square.

Adjustment up to 2 inches.

**List Price**

Per Dozen ..... \$ 16.00  
Packed 6 in a box. Weight per dozen, 11 lb.

**Mitre Box**  
**No. 2, Perfection Pattern**

An accurate, attractive mitre box for either Back or Panel Saws.

The board is made of laminated hardwoods of contrasting colors, finished in lacquer.

May be quickly set to guide the saw accurately in a square cut, or at either  $22\frac{1}{2}$ , 30, or 45 degrees, right or left.

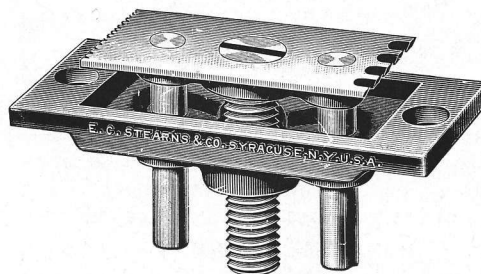
Hardened graduated steel plate, hardened steel indexing key, neither of which are susceptible to wear.

Long saw guide, insuring accuracy; long central

**List Price**

Per Dozen ..... \$ 48.00  
Packed 1 in a strong pasteboard box. Weight per dozen, 100 lb.

**Bench Stop**  
**No. 15**  
**Screw Adjusting**



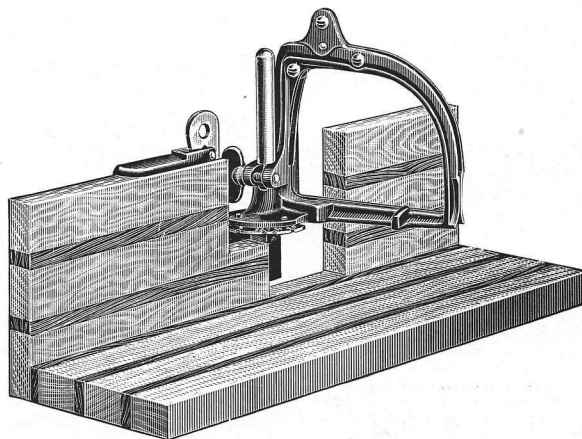
Reversible and may be adjusted up to 1 inch by turning the adjusting screw.

Body of iron. Head of malleable iron. Face polished.

Body  $3\frac{1}{2} \times 1\frac{3}{4}$  inches. Head  $2\frac{3}{8} \times 1\frac{3}{16}$  inches.

**List Price**

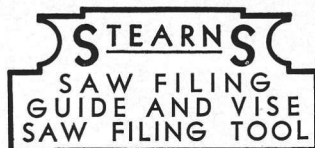
Per Dozen ..... \$ 12.00  
Packed 6 in a box. Weight per dozen, 7 lb.



bearing post with secure clamping device, eliminating liability of wear or looseness.

All setting and adjustment points are in plain sight.

For cutting to exact depths a back saw is used, the back rib of which rests on the shoulder within the swinging saw guide.



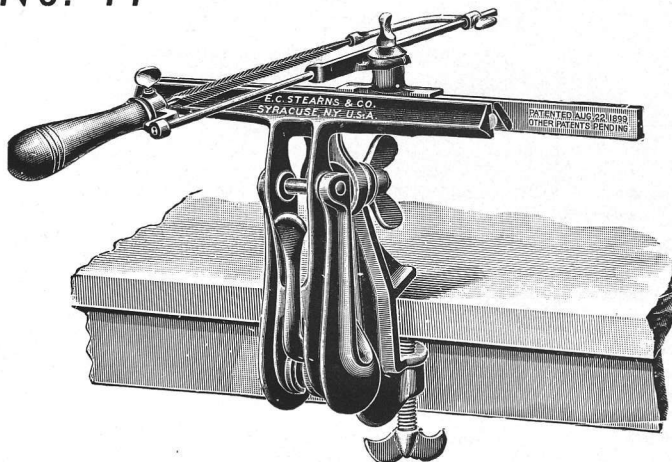
## Saw Filing Guide and Vise No. 11

This combination tool positively eliminates all irregularities and inaccuracies from saw filing. With it a novice can file both cross-cut and rip saws correctly.

The file is rigidly held and positively directed by the guide in any one of three positions, one of which is used for rip saws — the other two for the alternate sides of cross-cut saws. In the illustration the file is shown in one of the positions used for cross-cut saws.

The front jaw of the vise is faced with rubber to hold the saw firmly and prevent vibration. The ball and socket joint connecting the vise and bench clamp permits the vise to be adjusted to the most favorable position relative to the bench or light while filing.

The file holding attachment is carried on a rigid, straight, highly polished steel bar 16 inches long,  $\frac{3}{4} \times \frac{3}{16}$  inch section. All metal parts of the guide are finished in nickel plate. The vise, clamp, and



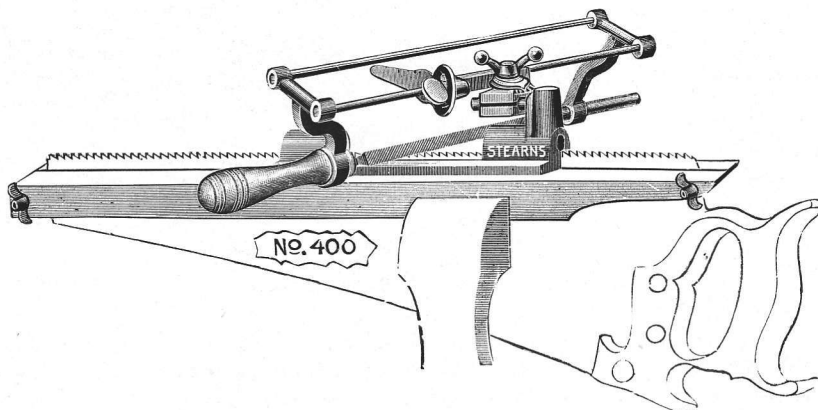
other parts are finished in black japan.

One  $5\frac{1}{2}$  inch slim taper file is supplied with each tool.

### List Price

Per Dozen ..... \$ 60.00  
Packed one in a box with full directions. Weight per dozen, 105 lb.

## "Overhanging" Saw Filing Tool No. 400



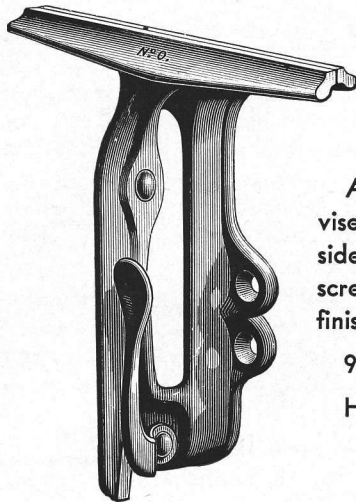
This tool is intended primarily to be used for filing a saw in a bench vise. It may, however, be used in connection with a regular saw vise. By using this tool even a novice can file any kind of a saw correctly.

Made entirely of steel and iron. The base is finished in black japan, and the steel parts are nickel plated, the combination being very attractive.

One  $5\frac{1}{2}$  inch slim taper file is supplied with each tool.

### List Prices

Per Dozen, Without Wood Bars ..... \$ 30.00  
Per Dozen, With Wood Bars ..... 33.00  
Packed 1 in a box. Weight per dozen, 30 lb. With wood bars, 55 lb.



**Saw Vise**  
**No. 0**

A light and durable vise. Made to fasten to side of bench with screws. Black japan finish.

9½ inch jaws.  
Height 8 inches.

**List Price**

Per Dozen ..... \$ 12.00

Packed in bulk. Weight per dozen, 35 lb.

**Saw Vise**  
**No. 3**

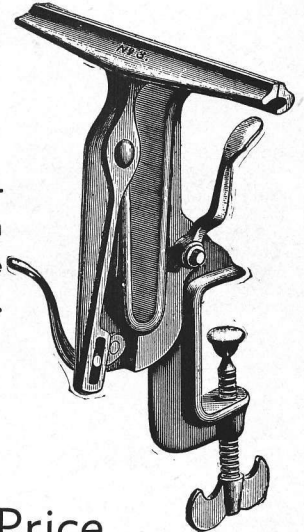
May be readily adjusted relative to bench or adjusted to light while filing. Black japan finish.

9½ inch jaws.  
Height 10 inches.

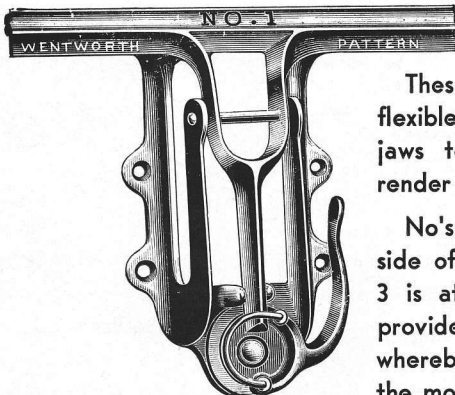
**List Price**

Per Dozen ..... \$ 18.00

Packed in bulk. Weight per dozen, 50 lb.



**Genuine Wentworth Saw Vises**



Nos. 1 and 2

These vises are all provided with a flexible rubber cushion between the jaws to prevent vibration and to render the filing operation noiseless.

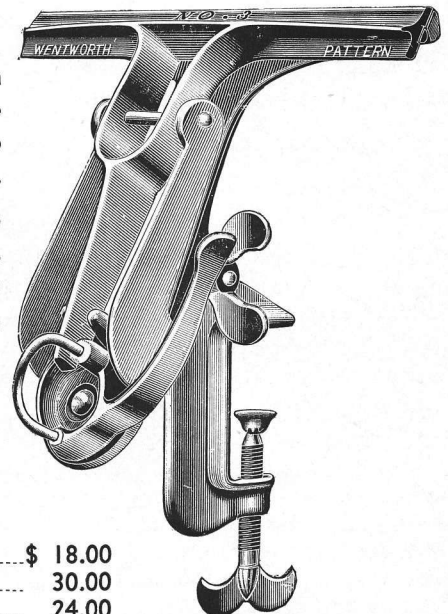
No's. 1 and 2 are attached to the side of the bench with screws. No. 3 is attached with a bench clamp provided with an adjustable joint, whereby the vise may be placed in the most favorable position.

Black japan finish.

**List Prices**

No. 1 — 11 inch jaws, Height 9 inches, per dozen.....\$ 18.00  
No. 2 — 15 inch jaws, Height 11 inches, per dozen..... 30.00  
No. 3 — 11 inch jaws, Height 10½ inches, per dozen..... 24.00

Packed in bulk. Weights per dozen, No. 1 — 50 lb. No. 2 — 105 lb. No. 3 — 65 lb.

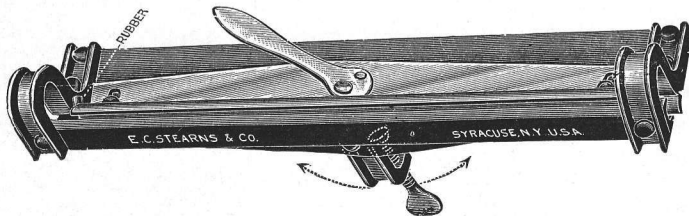


No. 3





## Folding Steel Saw Vise No. 500



### List Price

Per Dozen ..... \$ 21.00  
Packed 2 in a box. Weight per dozen, 36 lb.

Made of steel channel and cold rolled steel, finished in black japan. Parts not japanned are finished in polished nickel plate.

Back jaw is faced with rubber which prevents noise and vibration.

The lever is below the top of the vise on the back jaw, therefore entirely out of the way.

The end loops are of sufficient height to permit setting of saws with any make of saw set.

Length of jaws, 10½ inches.

Length over all, 12 inches.

## Steel Saw Vises

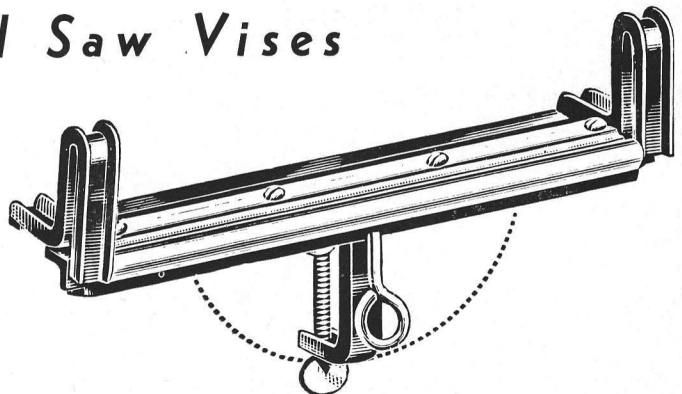
A tool kit is incomplete without this light, compact and sturdy vise, made entirely of steel, with back jaw faced with rubber, which prevents noise and vibration.

The saw is held firmly in place by a movable roller jaw.

The end loops are of sufficient height to permit setting of saws with any make of saw set.

Length of jaws, 10½ inches.

Length over all, 12 inches.



### List Prices

No. 670 — with rubber jaw, per dozen ..... \$ 15.00

No. 570 — without rubber jaw, per dozen ..... 13.50

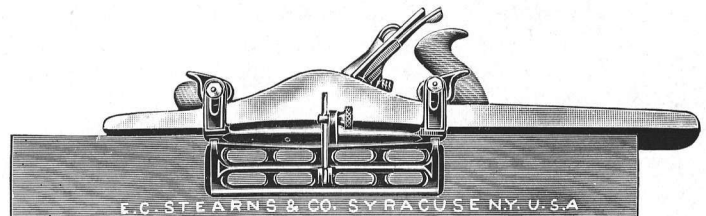
Packed 1 in a box. Weight per dozen, 24 lb.

## Plane Gauge No. 6

For attaching to the plane as shown in illustration and guiding it in planing bevels of any required angle, or in planing square joints, entirely without the use of a try square or bevel.

May be instantly attached to an iron plane by the two eccentric cams, and as quickly detached. For wood planes the cams are taken off and round head wood screws are used to fasten it to the plane.

Finished in japan and nickel.

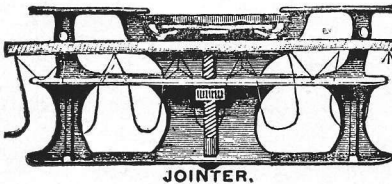


### List Price

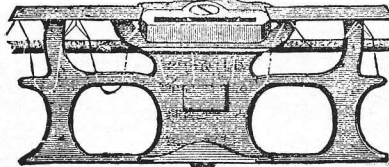
Per Dozen ..... \$ 18.00  
Packed 1 in a box. Weight per dozen, 22 lb.



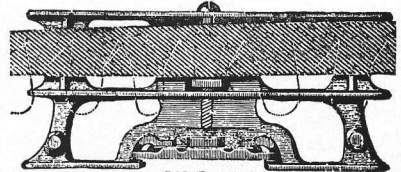
## Saw Tool No. 14 Excelsior Pattern



JOINTER.



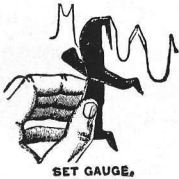
RAKER TOOTH GAUGE.



SIDE FILE.

This tool was designed for the use of lumbermen and all users of large cross cut saws. With this tool a saw may be put in perfect order in a short time. It is light and convenient to carry in the pocket or to use in the woods.

One set consists of three complete tools, viz., a jointer which is also used as a raker tooth gauge and side filer (see illustration), a setting block, and a set gauge.



SET GAUGE.



SETTING BLOCK.

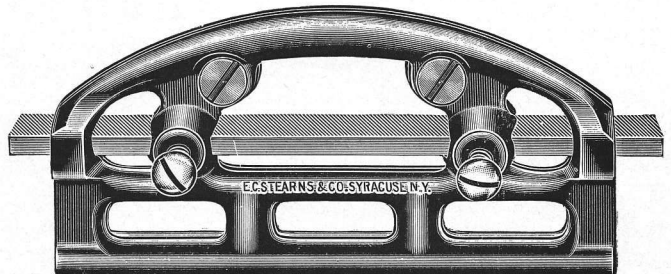
### List Price

Per Dozen Sets .....\$ 6.00

Packed 1 set in a box with full directions. Weight per dozen, 16 lb.

## Saw Jointer No. 7

Adjustable to any thickness of saw blade. The file is included with this tool and held in place by screws. The file is passed along the top of the saw teeth until it touches each tooth. The teeth are then filed to a point, thereby making teeth of same length and shape. Black japan finish.



### List Prices

Per Dozen, complete with files.....\$ 10.00

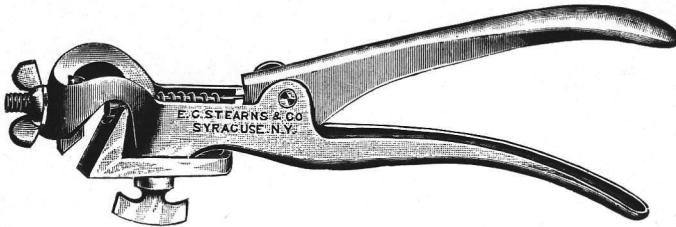
Per Dozen, extra files..... 3.00

Packed 6 in a box. Weight per dozen, 8 lb.



Rugged Construction and Fine Workmanship Enter Into Every Saw Set of the STEARNS Line, Which Includes the Most Complete Variety of Such Tools Offered by Any Manufacturer

## Saw Set No. 0



Lever on top, for hand, band and jig saws from the widest down to  $\frac{1}{2}$  inch.

Hardened anvil and plunger, tempered steel spring.

Length over all,  $6\frac{1}{2}$  inches.

Watermill finish.

### List Price

Per Dozen ..... \$ 6.50

Packed 6 in a box. Weight per dozen, 7 lb.

## Saw Set No. 010

Lever on top, for hand, band and jig saws from the widest down to  $\frac{1}{2}$  inch.

Hardened anvil and plunger, tempered steel spring.

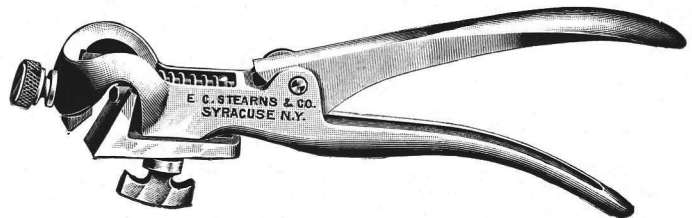
Length over all,  $6\frac{1}{2}$  inches.

Nickel Plate finish.

### List Price

Per Dozen ..... \$ 8.00

Packed 6 in a box. Weight per dozen, 7 lb.



## Saw Set No. 100

Heavy pattern with lever on top, for hand, band and jig saws from the widest down to  $\frac{1}{2}$  inch.

Hardened anvil and plunger, tempered steel spring.

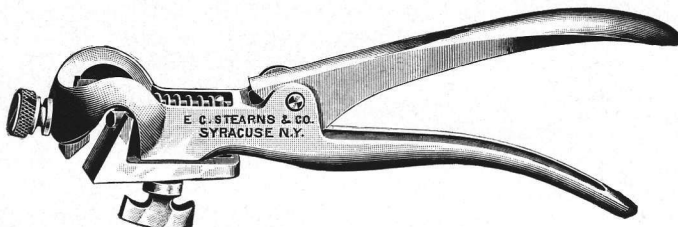
Length over all  $6\frac{1}{2}$  inches.

Polished finish.

### List Price

Per Dozen ..... \$ 10.00

Packed 6 in a box. Weight per dozen, 9 lb.







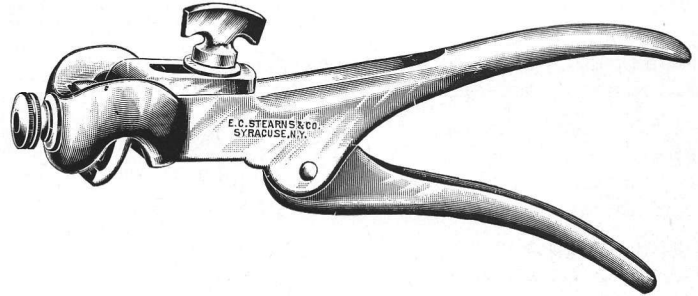
## Saw Set No. 101

A heavy-pattern, bottom-lever saw set for those who prefer the lever on the under side.

The anvil and plunger are hardened; the spring is of tempered steel.

Length over all, 6 $\frac{1}{2}$  inches.

Polished finish.



### List Price

Per Dozen .....\$ 12.00

Packed 6 in a box. Weight per dozen, 9 $\frac{1}{2}$  lb.

## Saw Set No. 395

Shaped to the hand — the perfection of saw sets.

The revolving anvil and indicator dial are combined with other features to provide marked practical advantages.

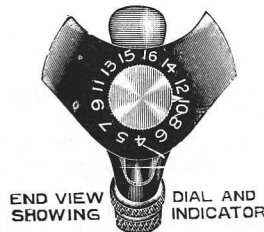
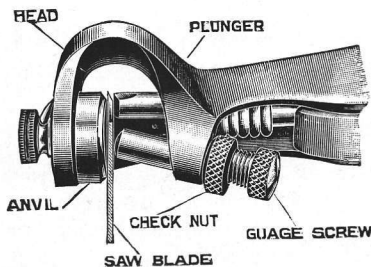
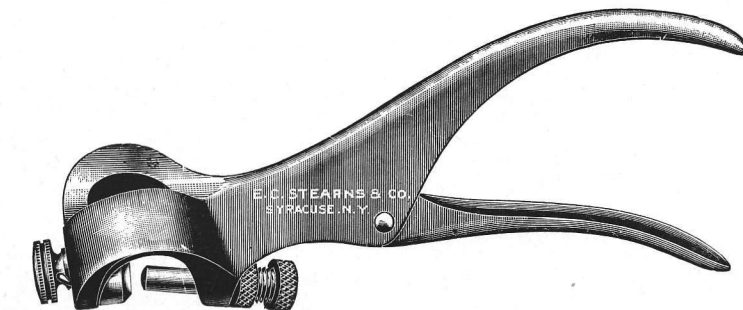
The lever is placed below the body of the Saw Set where it is operated by moving the fingers only, doing away with the motion of the entire hand.

The gauge screw is provided with a check nut which prevents it from working loose while setting the saw.

The revolving anvil is so designed that it has the required bevel and length of all saw teeth ranging from 4 to 16 to the inch. The figures on the dial indicate the number of teeth to the inch.

Hardened anvil. Plunger of special tool steel, hardened. Finely tempered steel spring.

Polished nickel finish.



### List Price

Per Dozen .....\$ 18.00

Packed 6 in a box. Weight per dozen, 9 $\frac{1}{2}$  lb.



*Popular Priced*  
***Pistol Grip Saw Set***  
***No. 795B***

This saw set embodies all the features of higher priced sets, combined with the pistol grip form.

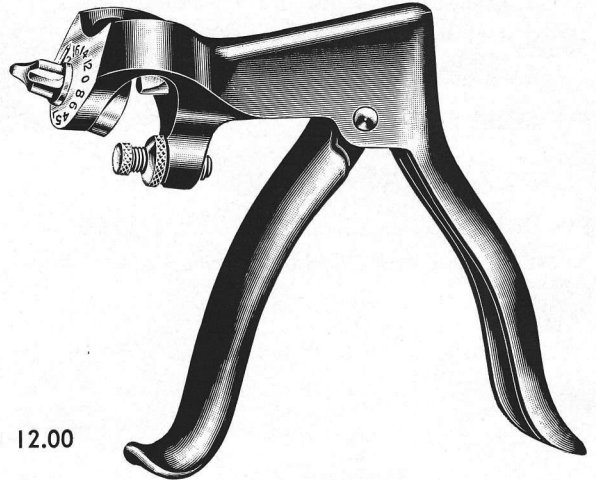
It is made with a revolving eccentric anvil so designed that it has the required bevel and length of all saw teeth, ranging from 4 to 16 to the inch. The dial figures indicate the number of teeth to the inch.

The gauge screw is provided with check nut which prevents it from working loose while setting the saw.

Plunger made from special tool steel, hardened.

Hardened anvil. Finely tempered steel spring.

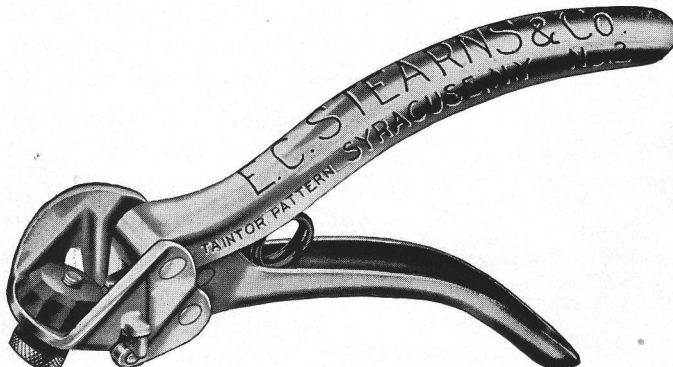
Black lacquer finish.



**List Price**

Per Dozen ..... \$ 12.00  
 Packed 1 in a box. Weight per dozen, 12 lb.

***Saw Set***  
***No. 2***  
***Taintor Pattern***



All parts are made of steel.

The anvil is made of tool steel having 10 sides and faces divided into three sections as follows:

"F" or short faces are used for fine teeth.

"M" or next longer faces for medium size teeth.

"C" longest faces for coarse teeth.

The anvil faces are numbered without direct relation to the number of teeth per inch of saw, merely to aid in the duplication of any particular anvil setting.

Length over all, 6 inches. Nickel finish.

**List Price**

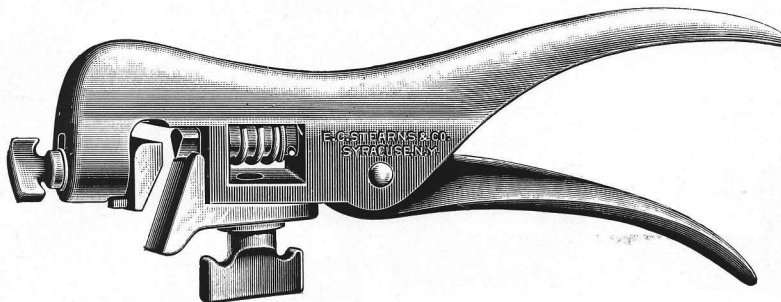
Per Dozen ..... \$ 18.00  
 Packed 6 in a box with full directions. Weight per dozen, 7 lb.



## Cross Cut Saw Sets

### No. 203 and No. 204

#### Morrill Pattern



These extra heavy sets constructed throughout for the severest kind of service are specially designed for cross cut and circular saws from 14 to 20 gauge.

No. 203 — With pointed plunger for cross cut and circular saws. Single tooth.

No. 204 — With square plunger for "M" Champion or other double tooth cross cut saws.

### List Prices

No. 203 — Per Dozen .....	\$ 18.00
No. 204 — Per Dozen .....	18.00
Packed 6 in a box. Weight per dozen, 21 lb.	

Anvil and plunger hardened.  
Spring of tempered steel.

Length over all, 9½ inches.

Polished finish.

## Saw Set

### No. 106

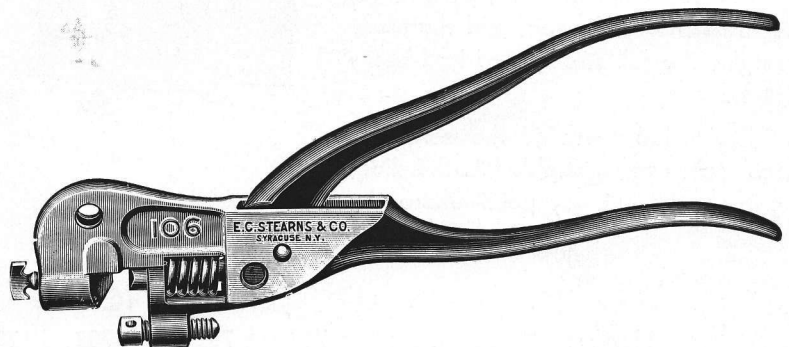
#### Morrill Pattern

This super-heavy set designed for timber and board saws from 6 to 14 gauge, is made of malleable iron.

Anvil and plunger hardened.  
Spring of tempered steel.

Length over all, 15 inches.

Polished finish.



### List Price

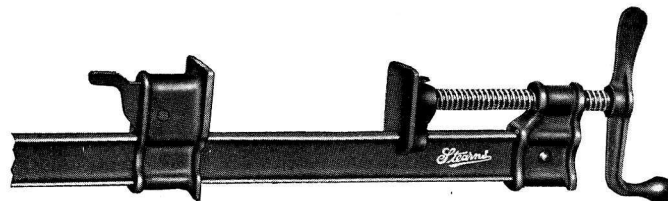
Per Dozen .....	\$ 42.00
Packed 1 in a box. Weight per dozen, 40 lb.	



A bar clamp for every application is provided by the six patterns of Steel Bar Clamps comprising the STEARNS line.

All are made with oversize steel screws — ACME — thread-running in long, precisely machined bearings. The jaws and slides in every case are fitted accurately to the bar, thus providing true clamping surfaces in contact with the work.

Superior materials and superior workmanship make each STEARNS steel bar clamp the best value obtainable in its price class and type.



## Improved "I" Bar Carpenter Clamp Style No. 22

Size of bar,  $1\frac{1}{2} \times \frac{5}{8} \times \frac{1}{8}$  inch.

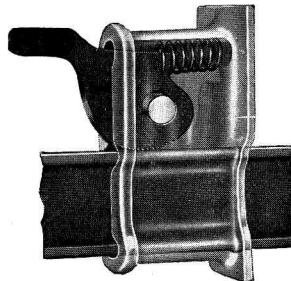
Screw,  $\frac{5}{8}$  inch, Acme thread.

Clamping surfaces, 2 x 2 inch.

For quick action, strength, and serviceability this clamp has no equal.

The bar is not notched, perforated, or otherwise deformed, and therefore retains the full strength of its I-beam section.

The milled teeth of the hardened tool-steel cam, assembled in the slide, grip the bar at any point where the



slide is set. The cam is positive in its action because its grip on the bar increases with increasing screw pressure.

The maximum of utility and speed achieved in this clamp results from the fact that the slide holds firmly at ANY point on the bar, independent of notches or perforations at fixed intervals, and it can be released and moved merely by lifting the handle of the cam.

Fittings of malleable iron.

### List Prices

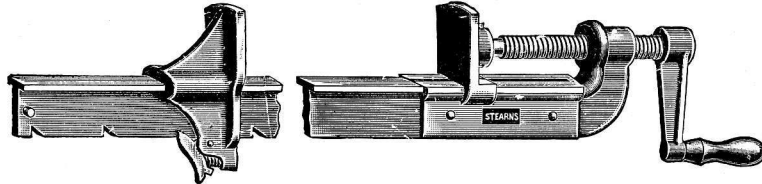
Number .....	702	702½	703	704	705	706	707
Length, feet .....	2	2½	3	4	5	6	7
Weight, pair, lb. ....	13	14½	15½	18½	22	26	30
List Price, pair .....	\$9.00	\$9.25	\$9.50	\$10.50	\$12.00	\$13.50	\$15.50

Note — A pair consists of two Clamps.





## Steel Bar Carpenter's Clamp Style No. 1



Efficient, powerful and convenient.

Size of bar,  $1\frac{1}{2} \times \frac{1}{2} \times \frac{3}{16}$  inch.

Screw  $\frac{5}{8}$  inch, Acme thread.

Clamping surfaces,  $1\frac{7}{8} \times 1\frac{7}{8}$  inch.

The only steel bar clamp with a "T" — section bar.

The special steel bar is rolled in our own rolls,

and because of its shape provides greater stiffness and strength than any flat section possessing less than 50 percent more weight.

Only the lower edge of the bar is notched, thereby maintaining the maximum lateral strength and stiffness contributed by the flanges of the "T".

Notches  $1\frac{1}{2}$  inches apart.

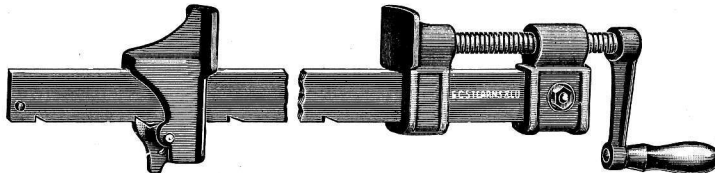
Fittings of malleable iron.

### List Prices

Number .....	101	101 $\frac{1}{2}$	102	102 $\frac{1}{2}$	103	104	105	106
Length, feet .....	1	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	4	5	6
Weight, pair, lb. ....	12	13	14	15	16	18	20	23
List Price, pair .....	\$8.50	\$8.75	\$9.00	\$9.25	\$9.50	\$10.50	\$12.00	\$13.50

Note — A pair consists of two Clamps.

## Steel Bar Carpenter's Clamp Style No. 3



Size of bar,  $1\frac{1}{2} \times \frac{1}{4}$  inch.

Screw,  $\frac{5}{8}$  inch, Acme thread.

Clamping surfaces,  $1\frac{7}{8} \times 1\frac{3}{4}$  inch.

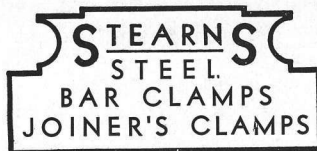
Made from a special quality of stiff steel that will not buckle under strain.

Notches  $1\frac{1}{2}$  inches apart.

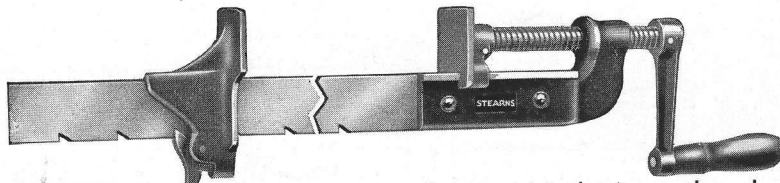
### List Prices

Number .....	301	301 $\frac{1}{2}$	302	302 $\frac{1}{2}$	303	304	305	306
Length, feet .....	1	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	4	5	6
Weight, pair, lb. ....	13	13 $\frac{1}{2}$	15	16 $\frac{1}{2}$	18	20	22 $\frac{1}{2}$	25
List Price, pair .....	\$8.50	\$8.75	\$9.00	\$9.25	\$9.50	\$10.50	\$12.00	\$13.50

Note — A pair consists of two Clamps.



## Steel Bar Carpenter's Clamp Style No. 6



Size of bar,  $1\frac{1}{2} \times \frac{1}{4}$  inch.  
Fittings of malleable iron.

Screw,  $\frac{5}{8}$  inch, Acme thread.  
Notches  $1\frac{1}{2}$  inches apart.

A strong and convenient clamp.  
Made from a special quality of stiff  
steel. The reinforced head adds  
greatly to the durability of the  
clamp.

Clamping surfaces,  $1\frac{3}{4} \times 1\frac{3}{4}$   
inches.

### List Prices

Number .....	601	601 $\frac{1}{2}$	602	602 $\frac{1}{2}$	603	604	605	606
Length, feet .....	1	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	4	5	6
Weight, pair, lb. ....	13	13 $\frac{1}{2}$	14	15	16	18	20	23
List Price, pair .....	\$8.50	\$8.75	\$9.00	\$9.25	\$9.50	\$10.50	\$12.00	\$13.50

Note — A pair consists of two Clamps.

## Steel Bar Carpenter's Clamp Sheldon Pattern, Style No. 5

This clamp, while light, will stand  
a severe strain. It is specially de-  
signed for narrow work.

The bar is rolled from a special  
quality of stiff steel. Fittings of mall-  
eable iron. Notches  $1\frac{3}{4}$  inches  
inches apart.



Size of bar,  $1\frac{3}{8} \times \frac{5}{16}$  inch. Screw  $\frac{5}{8}$  inch, Acme thread.  
Clamping surfaces,  $1\frac{7}{8} \times 1\frac{9}{16}$  inches.

### List Prices

Number .....	502 $\frac{1}{2}$	503	504	505	506	507
Length, feet .....	2 $\frac{1}{2}$	3	4	5	6	7
Weight, dozen, lb. ....	80	88	100	112	125	140
List Price, dozen .....	\$20.00	\$22.50	\$25.00	\$28.00	\$31.00	\$34.00

## Steel Bar Joiner's Clamp Style No. 4

This clamp is specially designed for narrow  
work.

The bar is rolled from special quality of  
stiff steel. Will stand a severe strain. Fittings  
of malleable iron.

Size of bar,  $1\frac{1}{8} \times \frac{3}{16}$  inch. Screw  $\frac{1}{2}$  inch,  
Acme thread.

Notches  $1\frac{1}{2}$  inches apart.

Clamping surfaces,  $1\frac{3}{8} \times 1\frac{3}{8}$  inches.



### List Prices

Number .....	401	401 $\frac{1}{2}$	402	402 $\frac{1}{2}$	403
Length, feet .....	1	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3
Weight, pair, lb. ....	6	6 $\frac{1}{2}$	7 $\frac{1}{2}$	8 $\frac{1}{2}$	9
List Price, pair .....	\$8.00	\$8.20	\$8.40	\$8.60	\$8.80

Note — A pair consists of two Clamps.

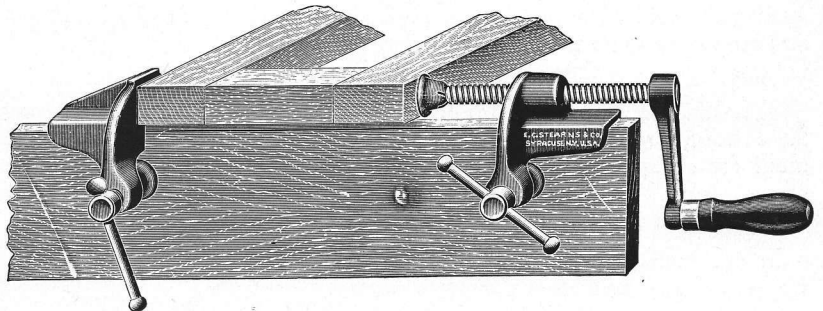


## Universal Clamps

Consists of two sections only; the head piece and the sliding jaw or tail piece.

These clamps may be used for work of any width. All iron parts are malleable iron. All screws are of steel,  $\frac{5}{8}$  inch diameter, Acme thread.

May be applied to wood bar up to  $1\frac{1}{2}$  inches in thickness and 2 inches or more in width.



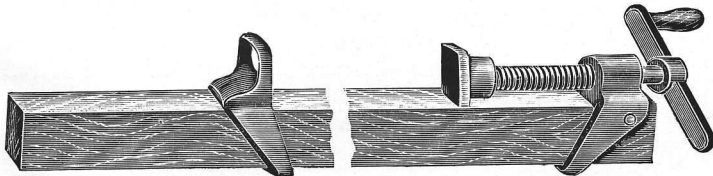
### List Price

Per dozen sets ..... 64 lbs. \$36.00

Packed in bulk.

Note—One set consists of one head piece and one tail piece.

## Clamp Irons No. 10



The wood bar is illustrated to show how irons are attached. The irons only are furnished.

The steel screw is  $\frac{5}{8}$  inch diameter, Acme thread, and carries a heavy swivel washer on the end next to the work.

May be quickly and easily attached to any  $1\frac{3}{8} \times 2\frac{1}{2}$  inch wood bar of any length.

### List Price

Per dozen sets ..... \$18.00

Packed in bulk. Weight per dozen sets, 50 lb.

Note—One set consists of one head piece and one tail piece.

## Flooring Clamp No. 1

A most useful and labor-saving device for laying flooring. Made of the best grade of malleable iron.

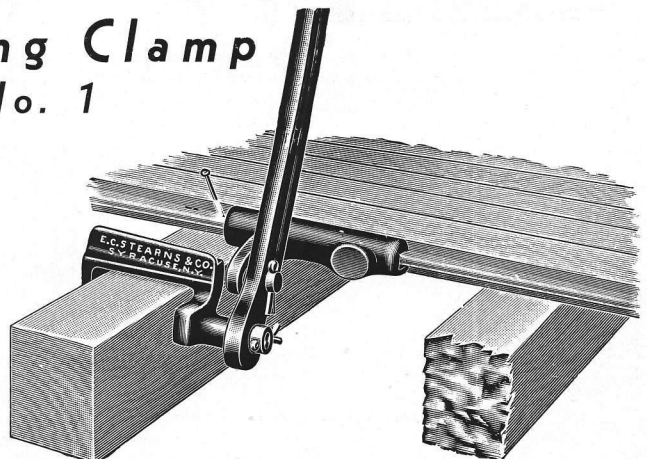
Length of handle, 14 inches.

Black japan finish.

### List Price

Per dozen ..... \$12.00

Packed in bulk. Weight per dozen, 30 lb.



# STEARNS

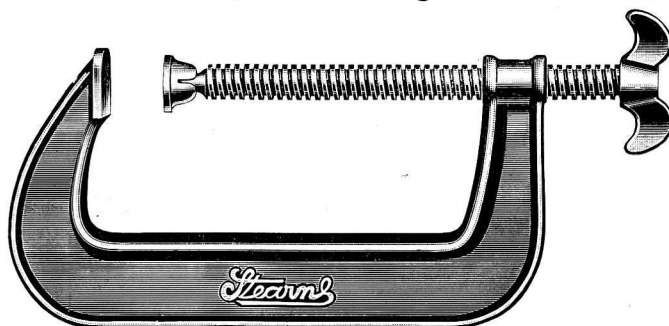
## MALLEABLE SCREW CLAMP

Screw clamps are not just merely screw clamps however much they may resemble each other. Design, workmanship, and the quality of material entering into their construction determine their serviceability to a far greater extent than might be supposed.

STEARNS screw clamps for many years have been preferred as standard equipment for all applications requiring the use of such tools. There are good reasons why this should be the case.

In design STEARNS clamps are right—frames, screws, and other elements are balanced to produce the maximum strength, speed of operation, and holding power. The materials entering into their construction are not skimmed and are the best that can be obtained. Workmanship details are precise to a degree that ordinarily does not enter into the manufacture of such articles.

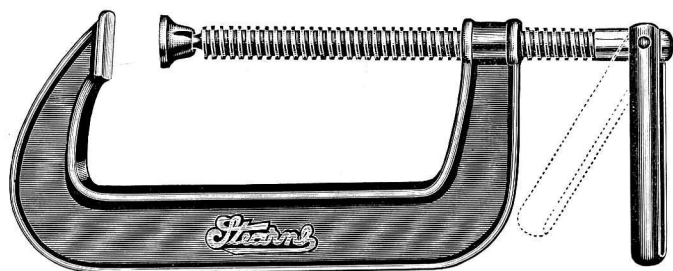
## Malleable Iron Screw Clamp No. 61, with Wing Handle



The steel crew of every STEARNS clamp is made with an ACME thread because this thread form is the best ever devised from the standpoint of long life and holding power. A single thread rather than double is employed because STEARNS screw clamp frames will stand up under the greater pressure that can be applied with a single-thread screw. The long, precisely machined screw bearings of STEARNS clamps insure wearing qualities at the "heart of the clamp" not duplicated in any other make.

The STEARNS patented folding steel handle for screw clamps was developed as the result of a definite trade demand for a screw clamp that would provide a convenient, ever-present means of applying more pressure than can be applied with a wing screw, unless auxiliary tools are used in connection with the latter.

## Malleable Iron Screw Clamp No. 61A, with Folding Steel Handle



## List Prices

Opening Inches	Depth Inches	Acme Thread Screw Diameter	Weight Per Dozen	Per Dozen
2 1/2	1 3/4	1/2 in.	11 lb.	\$ 9.00
3	1 7/8	1/2 in.	13 lb.	10.00
4	2	5/8 in.	20 lb.	12.00
5	2 1/2	5/8 in.	26 lb.	15.00
6	2 3/4	5/8 in.	31 lb.	18.00
7	3	5/8 in.	35 lb.	22.00
8	3 1/4	3/4 in.	45 lb.	28.00
10	3 3/4	3/4 in.	66 lb.	36.00
12	3 3/4	3/4 in.	84 lb.	46.00

No. 61A with folding steel handle furnished in sizes from 4 to 12 inches, at no extra charge.

Packed 6 in a box up to 6 inches. Larger sizes in bulk.

When ordering be sure to state which number is wanted.

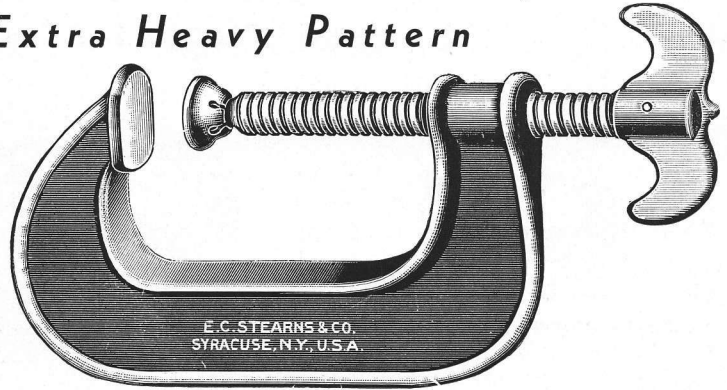




## Malleable Iron Screw Clamp No. 610, Extra Heavy Pattern

For applications requiring the use of extra heavy clamps, and as a substitute for drop-forged steel clamps of expensive types the STEARNS No. 610 clamp is provided.

It affords all of the strength and durability possessed by most drop-forged steel clamps at far less than their cost.



### List Prices

Opening Inches	Depth Inches	Acme Thread Screw Diameter	Weight Per Dozen	Per Dozen
4	2	$\frac{5}{8}$ in.	22 lb.	\$16.00
6	$2\frac{1}{2}$	$\frac{5}{8}$ in.	42 lb.	28.00
8	$3\frac{1}{2}$	$\frac{3}{4}$ in.	80 lb.	42.00
10	$3\frac{3}{4}$	$\frac{3}{4}$ in.	90 lb.	54.00

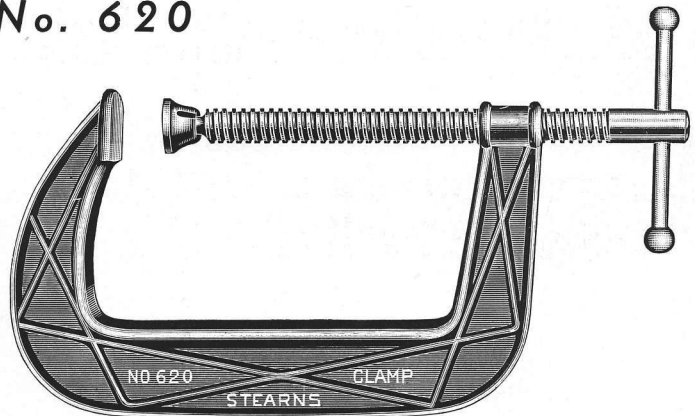
Packed in Bulk

## Malleable Iron Deep Screw Clamp No. 620

This clamp is specially designed for deep work requiring unusually heavy pressures.

The design of the ribbed frame contributes 50 percent greater strength both in tension and laterally than that which can be obtained from a similar amount of frame material employed in any other manner.

The sliding cross handle of the screw permits the maximum amount of pressure to be applied without recourse to other tools.



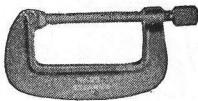
### List Prices

Opening Inches	Depth Inches	Acme Thread Screw Diameter	Weight Per Dozen	Per Dozen
3	$2\frac{5}{8}$	$\frac{1}{2}$ in.	$14\frac{1}{2}$ lb.	\$13.00
4	$2\frac{3}{4}$	$\frac{5}{8}$ in.	24 lb.	15.00
5	$3\frac{1}{4}$	$\frac{5}{8}$ in.	30 lb.	18.00
6	$3\frac{5}{8}$	$\frac{5}{8}$ in.	36 lb.	22.00
8	4	$\frac{3}{4}$ in.	54 lb.	34.00
10	$4\frac{1}{4}$	$\frac{3}{4}$ in.	78 lb.	42.00

Packed six in a box up to six-inch, larger sizes in bulk.

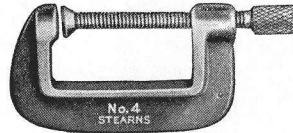


## Handy Clamps Nickel Finish



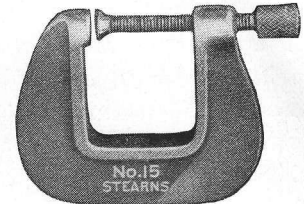
No. 1

$\frac{3}{4}$  in. Opening by  $\frac{1}{2}$  in. Depth



No. 4

$1\frac{1}{4}$  in. Opening by  $\frac{3}{4}$  in. Depth



No. 15

$\frac{3}{4}$  in. Opening by  $1\frac{1}{2}$  in. Depth



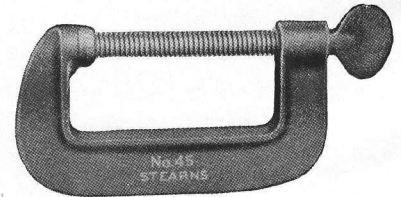
No. 25

2 in. Opening by 1 in. Depth



No. 35

$1\frac{3}{8}$  in. Opening by 3 in. Depth



No. 45

2 in. Opening by 1 in. Depth

The STEARNS line of Handy Clamps provides a complete assortment of sizes and types. Such clamps are indispensable in connection with pattern

making, tool making, and similar shop work. They are also extensively used by jewelers, draughtsmen, and the operators of home workshops.

### List Prices

Number	Opening Inches	Depth Inches	Weight Per Gross	Per Gross
1	$\frac{3}{4}$	$\frac{1}{2}$	12 lb.	\$18.00
4	$1\frac{1}{4}$	$\frac{3}{4}$	24 lb.	24.00
15	$\frac{3}{4}$	$1\frac{1}{4}$	20 lb.	21.00
25	2	1	36 lb.	27.00
35	$1\frac{3}{8}$	3	36 lb.	27.00
45	2	1	57 lb.	36.00

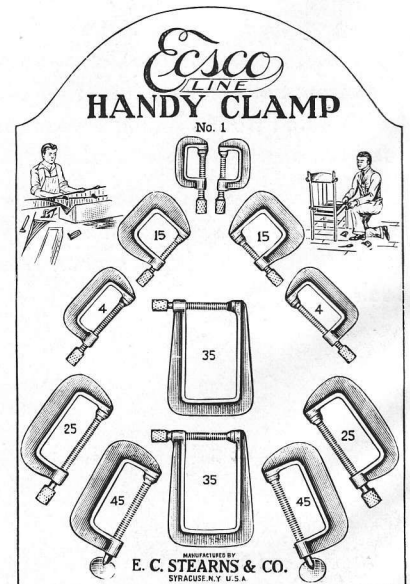
No. 1 packed 24 in a box. All others packed 12 in a box.

## Handy Clamp Display Card

This attractive display card, holding two each of the above six different sizes, will assure a large increase in business on this line.

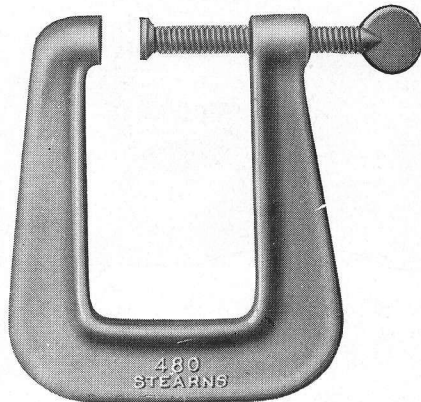
### List Price

Display Card with Clamps ..... each \$2.50





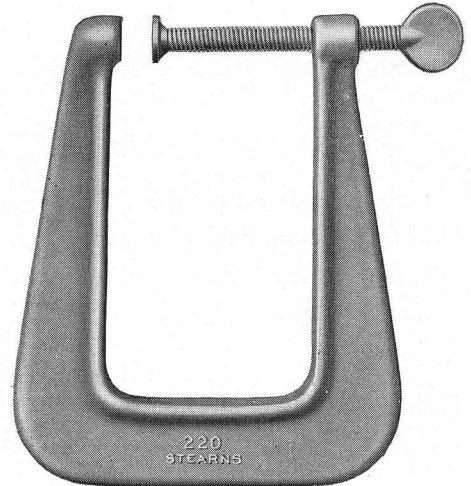
## Handy Clamps



These clamps, owing to their depth, are especially adapted for airplane work, also they appeal to other mechanics such as machinists, patternmakers, cabinet-makers, etc.

Made of best grade of malleable iron.

Steel screw provided with a special thread having great holding power.



### List Prices

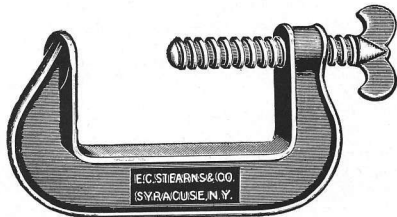
	Opening Inches	Depth Inches	Weight Per Dozen	Per Dozen
No. 480 .....	1 $\frac{1}{8}$	2 $\frac{3}{4}$	4 $\frac{1}{2}$ lb.	\$ 3.70
No. 220 .....	2 $\frac{1}{2}$	5 $\frac{1}{2}$	20 lb.	10.90

Packed: No. 480 — 12 only. No. 220 — 6 only in a box.

## Quilt Frame Clamps

### List Prices

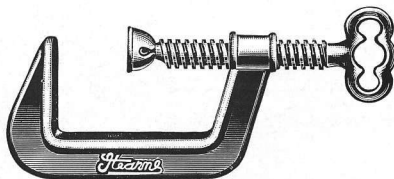
#### Plain Screw, Japanned



	Opening Inches	Depth Inches	Weight Per Gross	Per Gross
No. 20 .....	2	1 $\frac{1}{4}$	48 lb.	\$ 12.00
No. 21 .....	2 $\frac{1}{2}$	1 $\frac{1}{4}$	54 lb.	13.50

Packed 24 in a box.

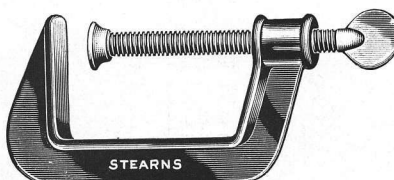
#### Malleable Swivel Button, Japanned



	Opening Inches	Depth Inches	Weight Per Gross	Per Gross
No. 30 .....	2 $\frac{1}{4}$	1 $\frac{1}{4}$	54 lb.	\$ 14.00
No. 40 .....	2 $\frac{1}{2}$	1 $\frac{1}{4}$	57 lb.	16.00
No. 50 .....	3	1 $\frac{1}{4}$	60 lb.	18.00

Packed 24 in a box.

#### Cut Thread Steel Screw, Japanned



	Opening Inches	Depth Inches	Weight Per Gross	Per Gross
No. 130 .....	2 $\frac{1}{4}$	1 $\frac{1}{4}$	54 lb.	\$ 21.00
No. 150 .....	3	1 $\frac{1}{4}$	60 lb.	24.00

Packed 12 in a box.



## Anvil No. 1

A very useful accessory to the home work shop.

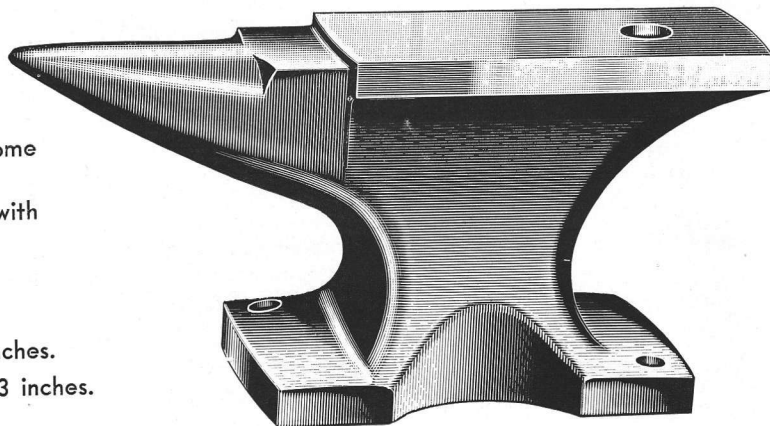
Made of best grade of cast iron with chilled face.

Face ground and polished.

Body and horn finished in red.

Length of top 9 inches. Width 2 inches.

Length of base  $4\frac{7}{8}$  inches. Width 3 inches.

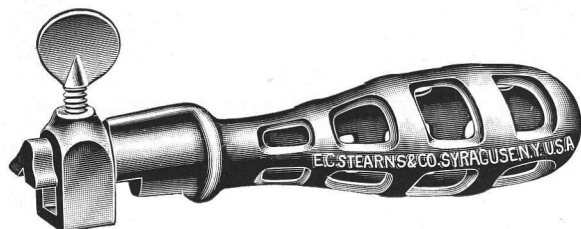


### List Price

Each ..... \$ 1.25

Packed in bulk. Weight each,  $8\frac{1}{2}$  lb.

## File and Tool Holder No. 5, with Steel Set Screw



A strong durable tool that will hold files of all sizes and shapes from the smallest up to a 14 inch mill file. Will also hold equally well Twist Drills, Gimlets, Hack Saw Blades, Screwdrivers, and all tools with shanks less than  $\frac{3}{8}$  of an inch square, round or flat.

Black japan with nickel plated clip and screw. Length 5 inches.

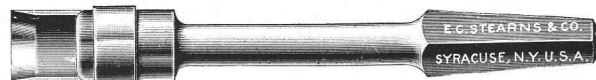
### List Price

Per Gross ..... \$ 18.00

Packed 12 in a box. Weight per gross, 42 lb.

## Improved Plug Cutters

This tool is for cutting plugs where it is necessary to cover the heads of screws on all work requiring a fine finish. The knives are made from a fine grade of tool steel, tempered, are interchangeable and easily replaced. The knife is held in place by a steel band. Length  $4\frac{7}{8}$  inches.



### List Prices

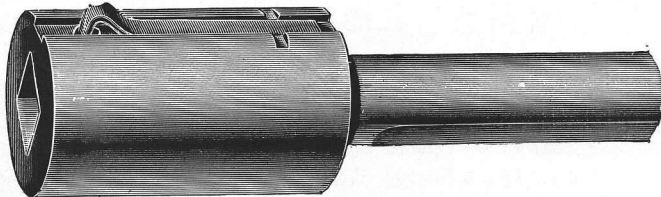
	Weight Per Dozen	Per Dozen
No. 1 — $\frac{3}{8}$ inch .....	$1\frac{1}{2}$ lb.	\$ 8.00
No. 3 — $\frac{1}{2}$ inch .....	$1\frac{3}{4}$ lb.	9.00
No. 5 — $\frac{5}{8}$ inch .....	$2\frac{3}{4}$ lb.	10.00

Packed 6 in a box.





## Post Drill Chuck No. 1 » For Bit Stock Drills



This chuck has a  $\frac{1}{2}$  inch straight shank to fit blacksmith's post drills. Square milled socket takes regular bit shank twist drills, which are retained in place by a friction spring.

Made from cold rolled steel. Length  $3\frac{1}{4}$  inches.

### List Prices

Per Dozen ..... \$ 15.00  
Packed 6 in a box. Weight per dozen,  $4\frac{1}{2}$  lb.

## Cabinet or Floor Scraper No. 9

This scraper is made with a ball and socket joint so that the handle may be adjusted and rigidly clamped at any angle by giving it a slight turn to the right. The blade is of special scraper steel properly hardened, and is firmly held between the jaws by the clamp screw on the front. This screw is entirely independent from the ball and socket so that the blade is not loosened in adjusting the handle.

Length over all 9 inches. Blade 3 inches.



### List Price

Per Dozen ..... \$ 18.00  
Per Dozen — Extra Blades ..... 4.50  
Packed 2 in a box. Weight per dozen, 22 lb.

## Riveting Machine Gem Pattern, No. 101

Will set tubular or split harness rivets up to  $\frac{3}{4}$  inch in length and  $\frac{5}{16}$  inch head.

Automatically adjusts to the various lengths of rivets.

Height of frame  $6\frac{3}{4}$  inches.

Black japan finish.



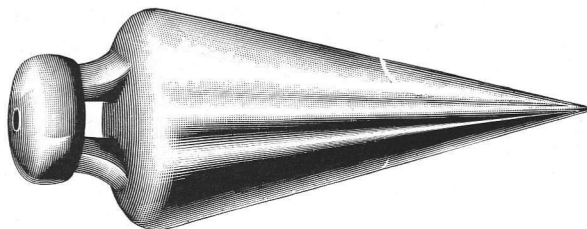
### List Price

Per Dozen ..... \$ 15.00  
Packed 1 in a box. Weight 4 lb. each.



## Plumb Bobs

### Cast Iron



### List Prices

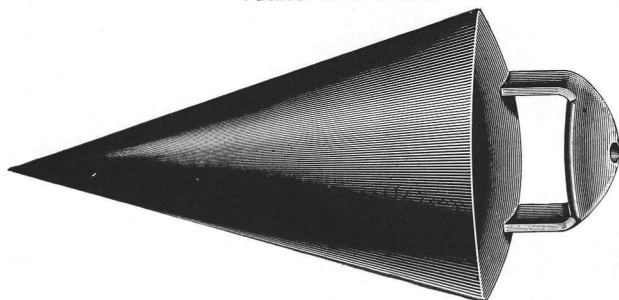
	Weight Each	Per Gross
No. 11 — Nickel plated .....	4 oz.	\$24.00
No. 12 — Nickel plated .....	12½ oz.	30.00
No. 15 — Nickel plated .....	17 oz.	42.00

Packed 12 in a box.

### List Prices

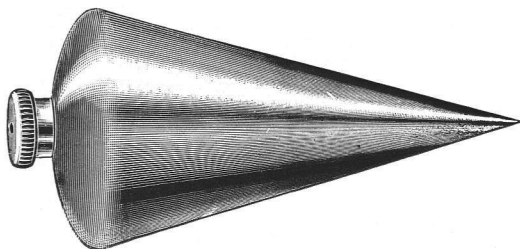
	Weight Each	Per Gross
No. 111 — Japanned .....	6 oz.	\$16.00
No. 112 — Japanned .....	12 oz.	20.00
No. 115 — Japanned .....	18 oz.	30.00

Packed 12 in a box.



## Accurate Steel Plumb Bobs

Turned from round cold roll steel — accuracy guaranteed. Brass caps — hardened points.



### List Prices

	Weight Each	Per Dozen
No. 50 — Polished nickel finish .....	4⅝ oz.	\$ 7.50
No. 60 — Polished nickel finish .....	9⅝ oz.	10.00
No. 80 — Polished nickel finish .....	18 oz.	15.00

Packed 12 in a box.

## Hexagon Steel Plumb Bobs

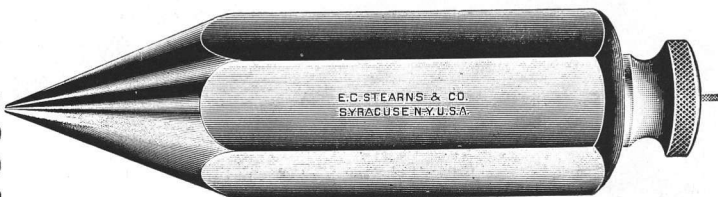
Precisely made from hexagon cold rolled steel.

Points are sharpened and hardened. Hexagon shape prevents rolling.

### List Prices

	Weight Each	Per Dozen
No. 6 — Polished nickel finish .....	4 oz.	\$7.00
No. 7 — Polished nickel finish .....	6 oz.	7.50
No. 16 — Polished nickel finish .....	8 oz.	8.00
No. 17 — Polished nickel finish .....	12 oz.	10.00

Packed 6 in a box.





## Spoke Shave

No. 1

Length of frame  $8\frac{3}{4}$  in.

$1\frac{3}{4}$  in. cutter.

Black japan finish.



### List Price

Per Dozen ..... \$4.00

Packed 12 in a box.  
Weight per dozen, 4 lb.

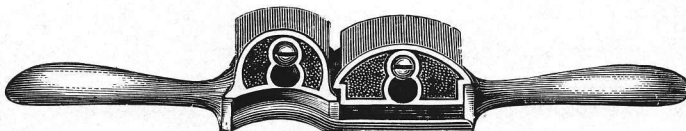
## Spoke Shave

No. 2

Length of frame  $9\frac{3}{4}$  in.

$1\frac{3}{4}$  in. double cutter,  
concave and straight.

Black japan finish.



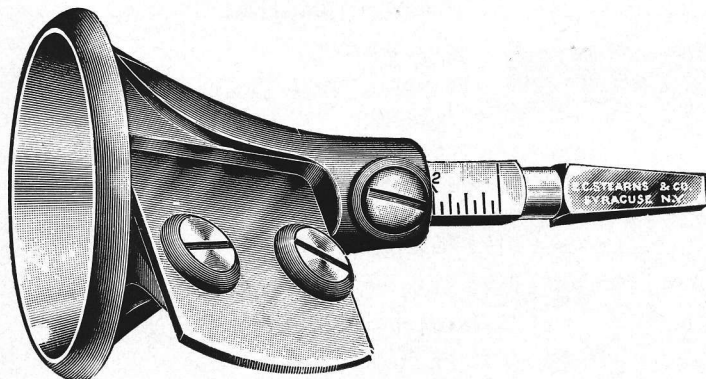
### List Price

Per Dozen ..... \$9.00

Packed 6 in a box.  
Weight per dozen, 6 lb.

## Spoke Pointers

*With Graduated Adjustable Shank*



### List Prices

Per  
Dozen

No. 1—Points up to  $1\frac{7}{8}$  in. diameter..... \$16.00

No. 2—Points up to  $2\frac{5}{8}$  in. diameter..... 20.00

Black japan finish.

Packed 6 in a box. Weight per dozen, No. 1, 7 lb.

No. 2, 12 lb.

# STEARNS HOLLOW AUGERS

For more than 65 years STEARNS Hollow Augers have occupied a distinctive position among tools of this type. Other makes and patterns have come and gone, but STEARNS Hollow Augers remain today as they have been in the past—the standard of quality, durability, and finish the world over.

The man who has use for a hollow auger in these modern days is one who appreciates quality and workmanship. He recognizes a good tool when he holds it in his hand and uses it. STEARNS Hollow Augers appeal to that man on account of their inbuilt quality, precision, and utility.

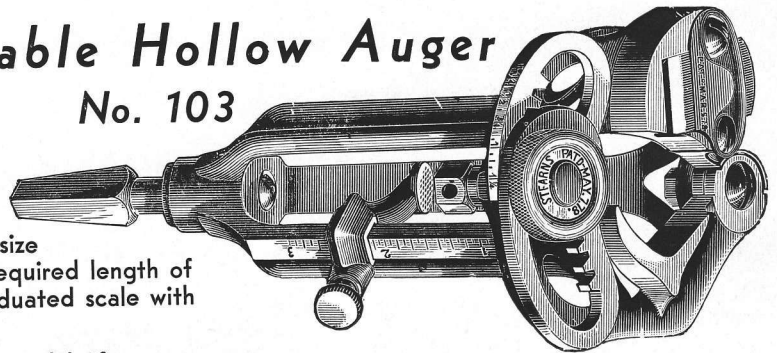
## Adjustable Hollow Auger No. 103

Cuts tenons of any size from  $\frac{1}{4}$  to  $1\frac{1}{4}$  inches.

The pivoted jaws are provided with a graduated scale by which the size of the tenon is regulated. To secure required length of tenon a movable stop is set to the graduated scale with rulings to sixteenths.

Milled steel shank. Hardened tool steel knife.

Barrel is japanned. Jaws finished in red. Other parts nickel plated.



### List Price

Per Dozen ..... \$48.00

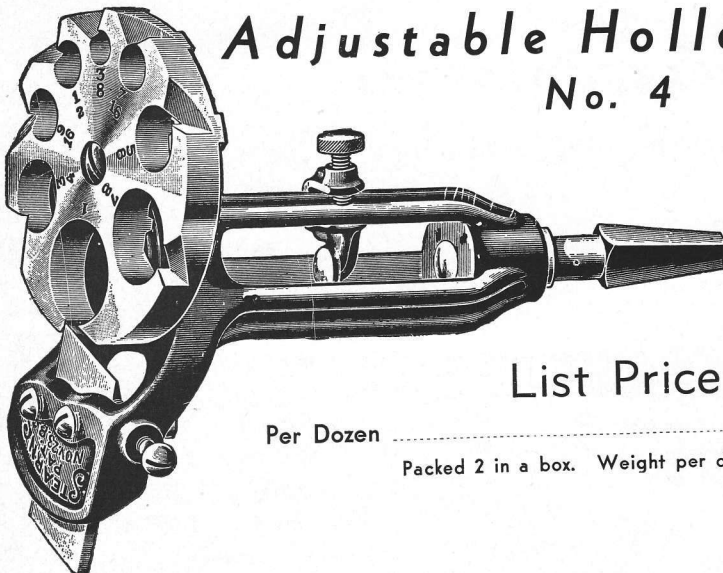
Packed 2 in a box. Weight per dozen, 20 lb.

## Adjustable Hollow Auger No. 4

Cuts tenons from  $\frac{3}{8}$  to 1 inch.

Barrel is japanned. The face of the disc is ground.

Milled steel shank. Hardened tool steel knife.



### List Price

Per Dozen ..... \$27.00

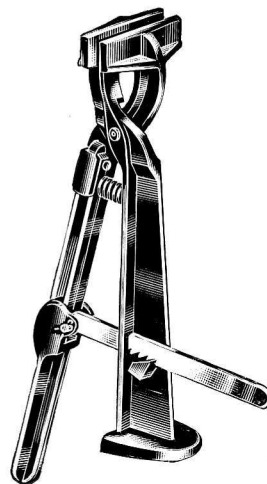
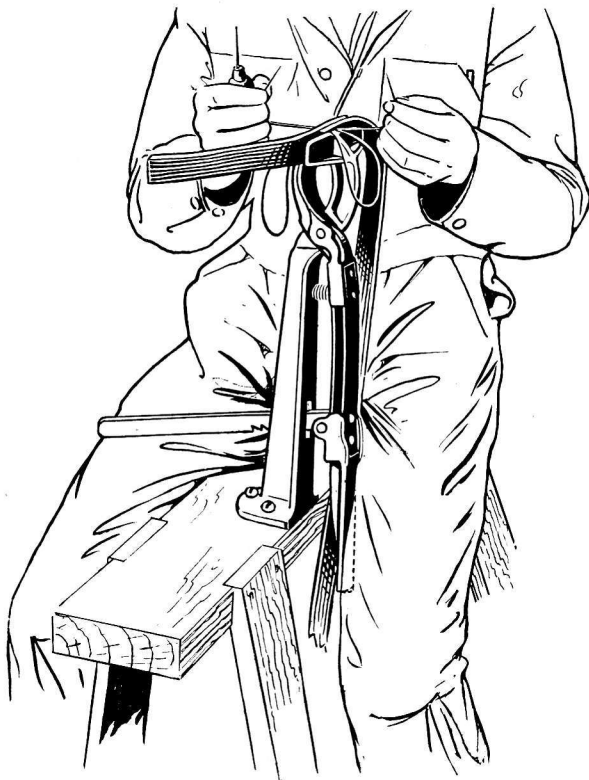
Packed 2 in a box. Weight per dozen, 19 lb.





More harness is being sold and used today than at any time for many years, and relatively few places remain in business where harness is repaired. This throws the harness repair problem back into the hands of the harness user, and until this clamp was developed there was never available a practical, inexpensive tool to hold harness while repairs are being made.

## *Harness Stitching Clamp* No. 1



This clamp provides an inexpensive and practical substitute for the old-fashioned stitching horse.

In operation the clamp is mounted by means of three screws on a saw-horse or on any suitable board supported at chair height from the floor.

The operator sits astride the horse or board. Pressure from one leg transmitted through the leaf spring of the movable jaw of the clamp causes the jaws to grip the work firmly. The notched latch bar

holds the grip after the pressure is applied.

The grip of the clamp is released by lifting the latch bar with the opposite knee, whereupon the jaws open automatically.

Both hands of the operator are free at all times to perform the stitching operation and to shift the work to new positions as required.

Frame, black japan finish. Latch bar, cadmium plate.

### List Price

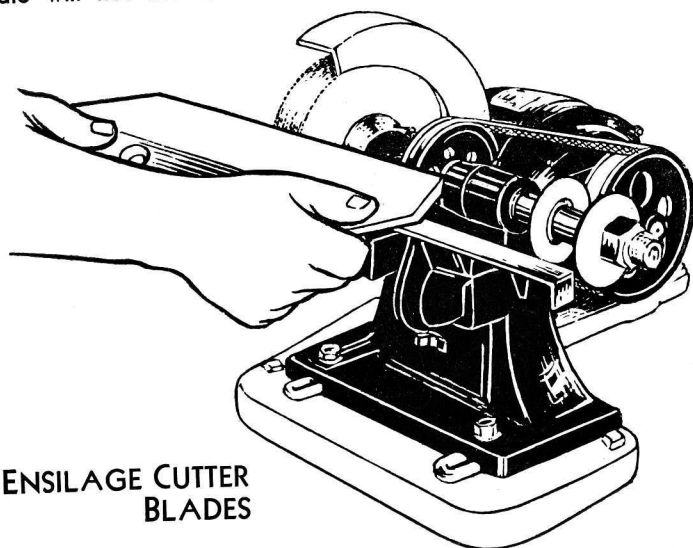
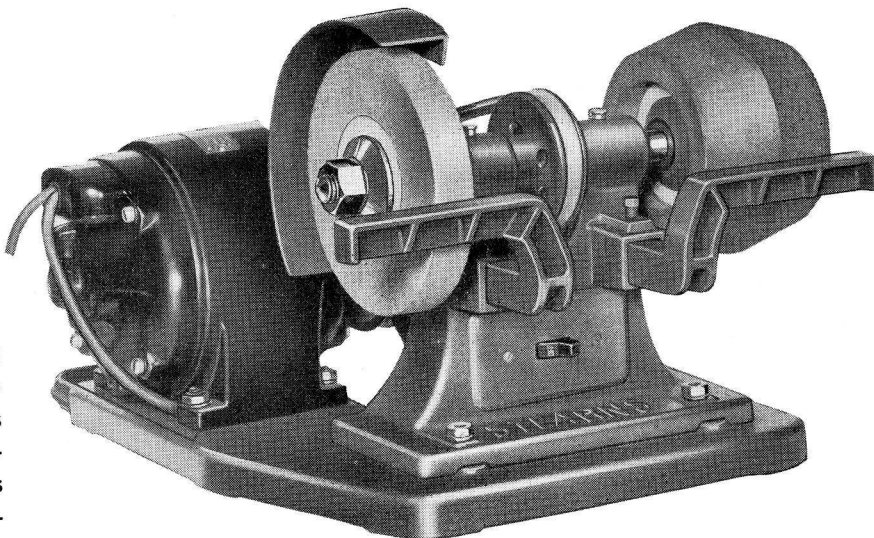
Each ..... \$2.25

Packed one in a carton. Weight each, 8 lb.

# STEARNS MOTOR DRIVEN GRINDER

The STEARNS motor driven grinder was developed in response to a substantial demand for such a piece of equipment that would perform the service of numerous grinders now on the market and yet do many things that such grinders, as usually constructed, will not do.

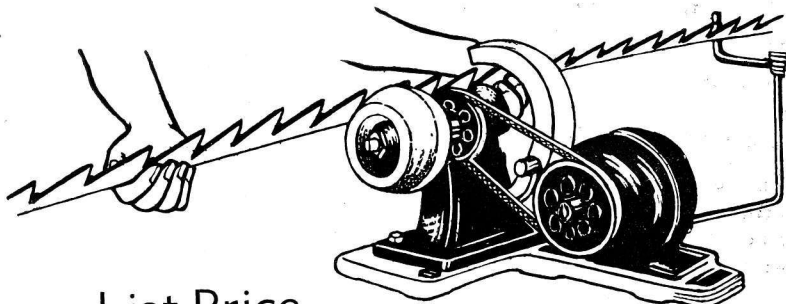
For instance, where long work such as is shown in the accompanying illustrations has to be ground the ordinary grinder with wheels mounted on the motor spindle will not serve, because



ENSILAGE CUTTER  
BLADES

of 5/8-inch bore, may be used for applications that require them.

MOWING MACHINE  
BLADES



the frame of the motor interferes with bringing the work into proper contact with the wheels. For these and numerous other applications nothing but a belt drive grinder will suffice. Moreover, it so happens that the most efficient grinding wheel speed for 6-inch and smaller wheels does not agree with standard motor speeds, and only by the use of the belt drive may the best wheel speed be attained.

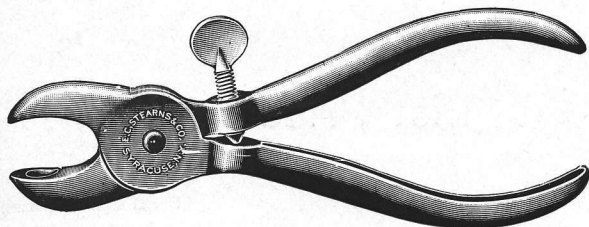
Standard equipment consists of heavy-duty, quarter-horsepower, Westinghouse motor, 6-inch diameter by 1-inch face general grinding wheel, and 5½-inch diameter by 3½-inch face sickle cone. Other wheels, such as saw gummers, and also scratch brushes, buffs, etc.,

## List Price

Complete with 110-volt, 60-cycle, A. C. motor..... Each \$35.00  
Other motor equipment quoted on request. Weight each, 75 lb.



## Hog Ringer No. 1



Grey iron, black japan finish.

### List Price

Per Gross .....\$24.00

Packed 6 in a box, twelve dozen in a case.  
Weight per gross, 66 lb.

## Stock Marker No. 18

Dies are sharp and cut clean. Malleable iron frame, concealed steel springs.

When ordering be sure to state number of die as illustrated.

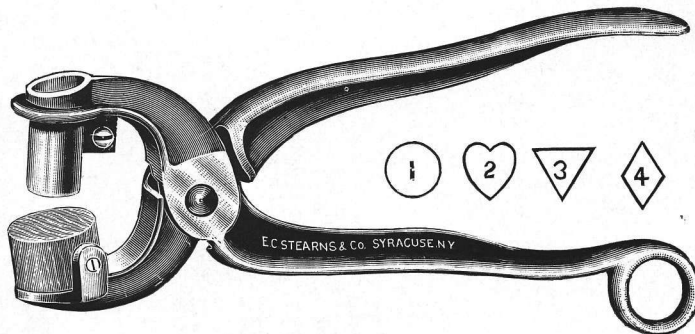
Length 11 inches. Black japan finish.

### List Prices

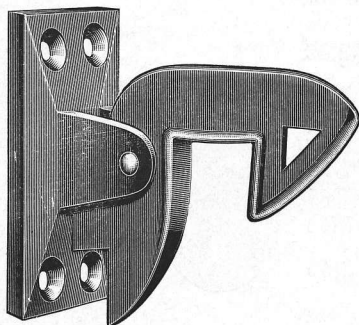
Per Dozen .....\$24.00

Per Dozen—Extra Dies ..... 6.00

Packed 1 in a box. Weight per dozen, 21 lb.



## Gravity Locking Door Catch No. 6



Size of plate 3 inches by 1½ inches.

No screws furnished.

Black japan finish.

### List Price

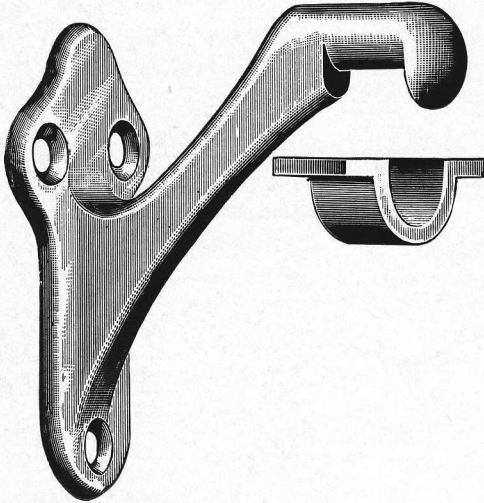
Per Gross .....\$15.00

Packed 24 in a box. Weight per gross, 48 lb.



## Hand Rail Brackets

### Cast Iron



### List Prices

	Weight Per Dozen	Per Dozen
No. 8 3½ inch Milan Bronze .....	6 lb.	\$1.80
No. 8A 3½ inch Antique Copper .....	6 lb.	3.00
No. 8B 3½ inch Brass Plated .....	6 lb.	3.00

Packed 6 in a box with screws to match.

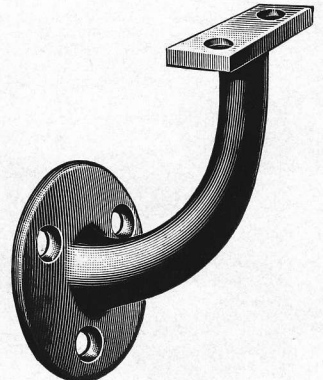
## Hand Rail Brackets

### Cast Iron

### List Prices

	Size of Base	Base to Center	Weight Dozen	Per Dozen
No. 10 Milan Bronze .....	2½ inch	2¼ inch	2 inch	7 lb. \$2.00
No. 10A Antique Copper .....	2½ inch	2¼ inch	2 inch	7 lb. 3.00
No. 10B Brass Plated .....	2½ inch	2¼ inch	2 inch	7 lb. 3.00
No. 11 Milan Bronze .....	3 inch	2¼ inch	2½ inch	8 lb. 2.50
No. 11A Antique Copper .....	3 inch	2¼ inch	2½ inch	8 lb. 3.50
No. 11B Brass Plated .....	3 inch	2¼ inch	2½ inch	8 lb. 3.50

Packed 12 in a box with screws to match.







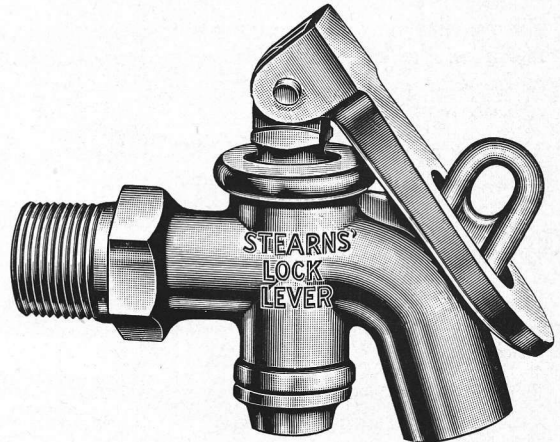
## Lock Lever Faucet No. 50

$\frac{3}{4}$  inch U. S. Standard pipe thread.  $\frac{3}{4}$  inch flow.

This faucet is made of close-grained, grey iron, finished with a bright, heavy cadmium plate. At a considerably lower price, it will serve fully 95 percent of all applications for which brass faucets of similar types are commonly used.

It is guaranteed to hold all non-corrosive liquids such as petroleum products, other oils, turpentine, alcohol, lacquers, etc.

The plug is individually ground to the barrel, and a tight joint is maintained between the two by means of a spring washer.



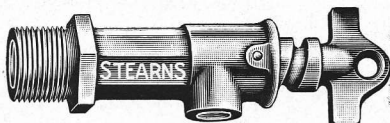
### List Price

Each ..... \$ .60

Packed 6 in a box. Weight each,  $1\frac{1}{2}$  lb.

## Steel Drum Faucet No. 10 and No. 20

A low priced faucet for steel drums. Made of close-grained, grey iron. Natural finish.



$\frac{3}{4}$  INCH U. S. STANDARD PIPE THREAD

### List Prices

No. 10 — Spiral Thread Plug ..... Each \$ .25

No. 20 — Turn-Pull Thread Plug ..... Each .25

Packed in bulk. Weight each,  $\frac{5}{8}$  lb.



## Stearns Oil and Molasses Gates

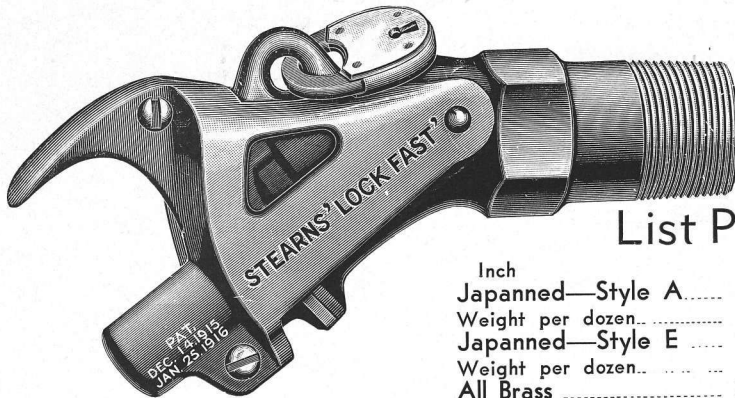
Oil and molasses gates, commonly used for dispensing and handling a great variety of heavy and viscous liquids, have been manufactured by this company continuously for upward of 40 years. During that time numerous manufacturers have undertaken the production of such gates, but in the main after more or less brief intervals they have retired from the field.

Today as in the past STEARNS Gates, described

on the following pages, occupy their well deserved place as the leading line of equipment of the kind. Unvarying high quality and the availability at all times of complete stocks for immediate shipment are the compelling reasons why STEARNS gate service is and always has been superior.

The slide of every STEARNS gate is individually ground and lapped to its barrel, and each unit is specially tested to insure against leakage.

## "Lock Fast" Oil and Molasses Gates



Style "A"—Wood Thread. Style "E"—U. S. Standard Iron Pipe Thread. Always specify which thread is wanted.

English pipe thread can also be furnished.

### List Prices per Dozen

Inch	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Japanned—Style A.....	16.50	17.00	17.60	20.35	24.20	33.00
Weight per dozen.....	16	18	23	33	46	62 lb.
Japanned—Style E.....	16.50	17.00	17.60	20.35	24.20	33.00
Weight per dozen.....	16	18	23	28	36	50 lb.
All Brass.....	22.50	24.50	36.00	50.00	60.00	80.00
Porcelain Lined.....				25.00	30.00	40.00

$\frac{1}{2}$  to  $1\frac{1}{4}$  inch packed 6 in a box.  $1\frac{1}{2}$  and 2 inch three in a box.

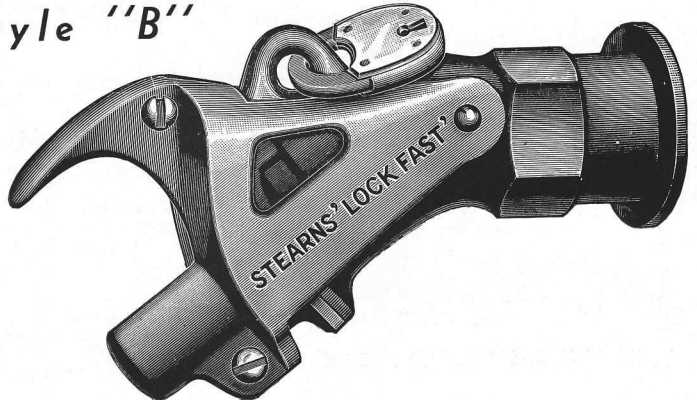
## "Lock Fast" Flanged Gates Style "B"

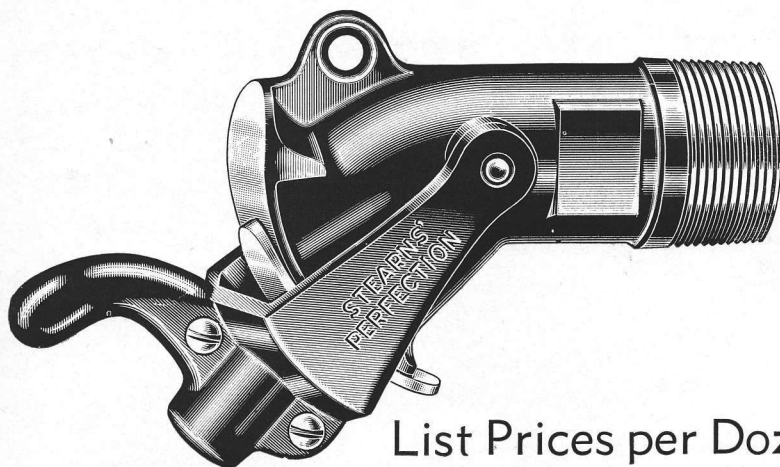
U. S. Standard Inside Pipe Thread

### List Prices per Dozen

Japanned .....	18.00	20.00	24.00	33.00
Inch .....	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2
Porcelain Lined .....	25.00	30.00	40.00	
Weight per dozen...	24	30	44	55 lb.

1 and  $1\frac{1}{4}$  inch packed 6 in a box.  
 $1\frac{1}{2}$  and 2 inch, three in a box.





## "Perfection" Oil and Molasses Gates

Style "A"—Wood Thread. Style "E"  
—U. S. Standard Iron Pipe Thread.

Always specify which thread is wanted.

English pipe thread can also be  
furnished.

### List Prices per Dozen

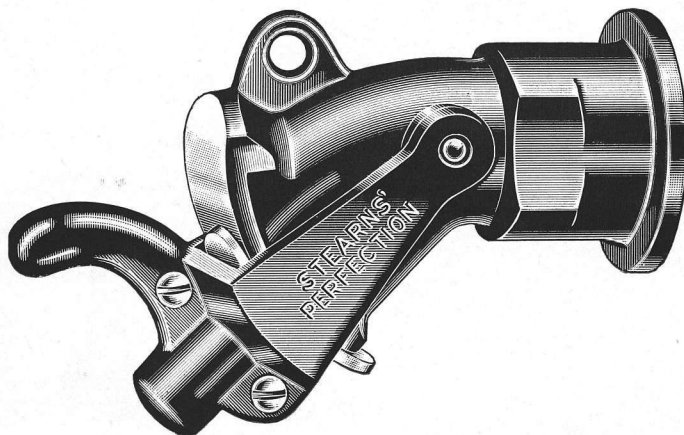
Inch	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	3	4
Japanned—Style A .....	16.50	17.00	17.60	20.35	24.20	33.00	72.00	
Weight per dozen .....	15	17	22	31	43	56	96 lb.	
Japanned—Style E .....	16.50	17.00	17.60	20.35	24.20	33.00	72.00	165.00
Weight per dozen .....	15	17	22	26	31	46	95	220 lb.
All Brass .....	22.50	24.50	36.00	50.00	60.00	80.00	100.00	150.00
Porcelain Lined .....				25.00	30.00	40.00	62.50	225.00

Can furnish  $1\frac{1}{2}$  and 3 inch Style "E" with straight discharge at same list price.  
Can furnish 6 inch Perfection Style "E". Price on application.

$\frac{1}{2}$  to  $1\frac{1}{4}$  inch packed 6 in a box.  $1\frac{1}{2}$  and 2 inch 3 in a box.  
3 inch 2 in a box. 4 inch in bulk.

## "Perfection" Flanged Gate Style "B"

U. S. Standard Inside Pipe Thread



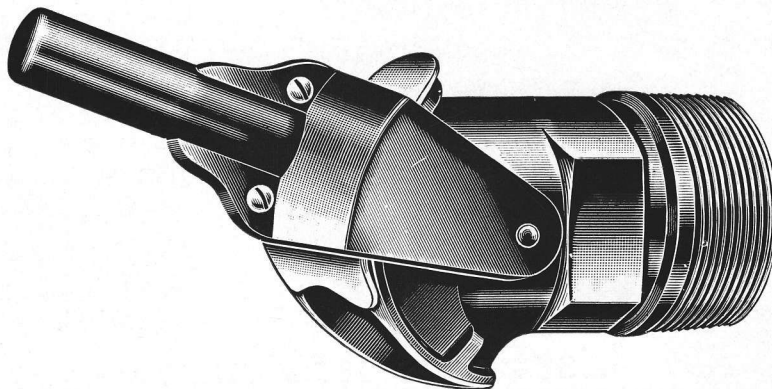
### List Prices per Dozen

Inch	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	3
Weight per dozen .....	23	28	44	55	104 lb.
Japanned .....	18.00	20.00	24.00	33.00	72.00
Porcelain Lined .....		25.00	30.00	40.00	62.50

$1\frac{1}{4}$  inch packed 6 in a box.  $1\frac{1}{2}$  and 2 inch 3 in a box. 3 inch 2 in a box.



## Industrial Gates



For industrial plant applications, where gates are frequently employed in connection with processes involving the use of viscous liquids, the STEARNS Industrial Gate is available in 1½, 2, and 3-inch sizes.

This type of gate, with its long, straight handle, is especially useful under conditions where frequent and accurately timed opening and closing oper-

ations have to be performed. It is extensively used in chemical, rubber, paint, varnish, lacquer, and other similar manufacturing plants. It was developed some years ago at the special request of one of the largest companies in the chemical industry.

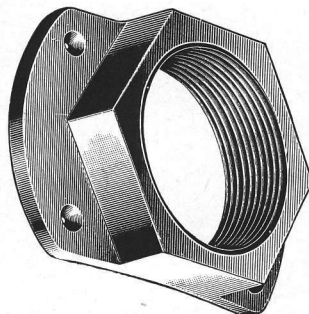
U. S. Standard iron pipe thread—black japan finish.

### List Prices

Size .....	1½ in.	2 in.	3 in.
Weight per dozen .....	45	60	100 lb.
Price .....	24.20	33.00	72.00

Packed in bulk.

## Flanged Collars Straight and Concave



### List Prices

2 inch.....	per dozen — weight 11 lb.	\$ 9.00
3 inch.....	per dozen — weight 24 lb.	15.00
4 inch.....	per dozen — weight 51 lb.	25.00

Cadmium plate finish.

Packed in bulk.

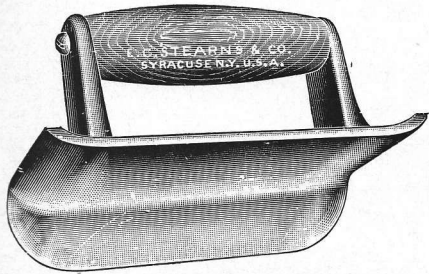




## Cement Worker's Tools

All Cement Tools Are Made of Close-Grained Grey Iron, Polished, Nickel Plated, and Buffed. The Hard Wood Handles Are Finished in Black Enamel.

### Edger



#### List Prices

No.	Radius In.	Length In.	Width In.	Depth In.	Weight Per Dozen	Dozen
100	$\frac{3}{8}$	6	$2\frac{3}{4}$	$\frac{5}{8}$	14 lb.	\$7.00
102	$\frac{3}{4}$	6	$2\frac{3}{4}$	$\frac{7}{8}$	18 lb.	8.00

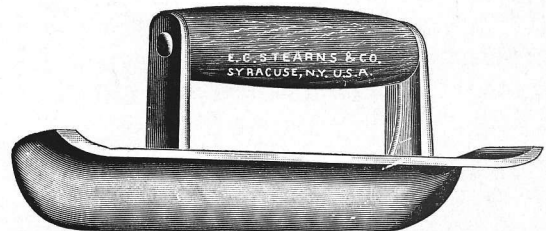
Packed 6 in a box.

### Narrow Edger

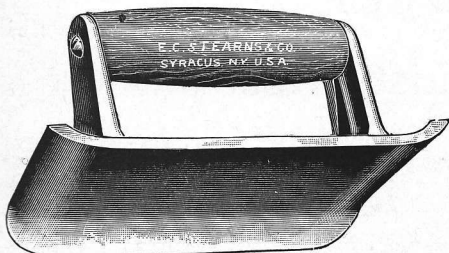
#### List Price

No.	Radius In.	Length In.	Width In.	Depth In.	Weight Per Dozen	Dozen
112	$\frac{3}{8}$	8	$1\frac{3}{4}$	$\frac{5}{8}$	14 lb.	\$8.00

Packed 6 in a box.



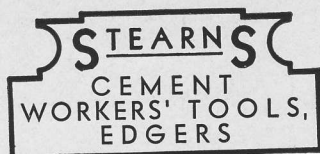
### Bevel Edger



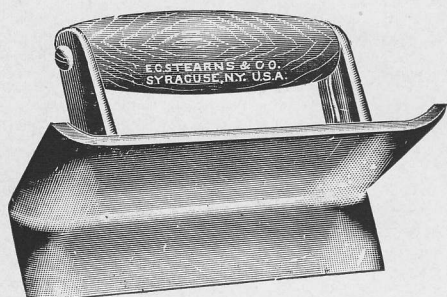
#### List Price

No.	Length In.	Width In.	Width of Bevel	Weight Per Dozen	Dozen
128	$5\frac{3}{4}$	$2\frac{3}{4}$	$\frac{5}{8}$	14 lb.	\$7.00

Packed 6 in a box.



## Square Edger



### List Price

No.	Radius In.	Length In.	Width In.	Depth In.	Weight Per Dozen	Dozen
114	$\frac{1}{16}$	6	3	1	18 lb.	\$11.10

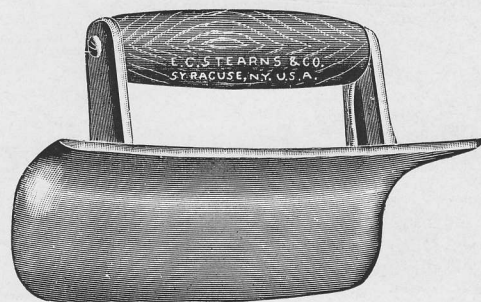
Packed 6 in a box.

## Curbing Edger

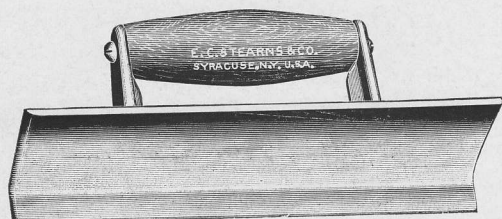
### List Price

No.	Radius In.	Length In.	Width In.	Depth In.	Weight Per Dozen	Dozen
115	1	$6\frac{1}{16}$	$3\frac{5}{8}$	$1\frac{1}{2}$	19 lb.	\$15.45

Packed 6 in a box.



## Straight End Edger



### List Price

No.	Radius In.	Length In.	Width In.	Depth In.	Weight Per Dozen	Dozen
194	$\frac{3}{8}$	8	$2\frac{1}{2}$	$\frac{5}{8}$	16 lb.	\$9.00

Packed 6 in a box.

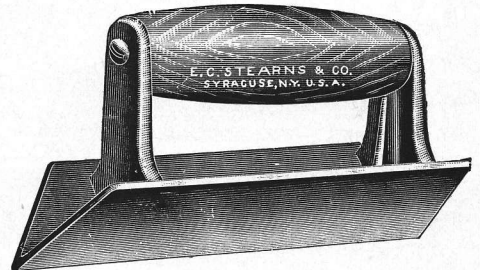


## Outside Corner Tool

### List Price

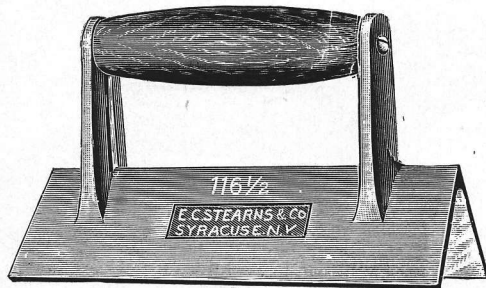
No.	Length In.	Sides In.	Weight Per Dozen	Dozen
116	6	1½	13 lb.	\$7.75

Packed 6 in a box.



## Inside Corner Tool

### List Price



No.	Length In.	Sides In.	Weight Per Dozen	Dozen
116½	6	1½	12 lb.	\$7.75

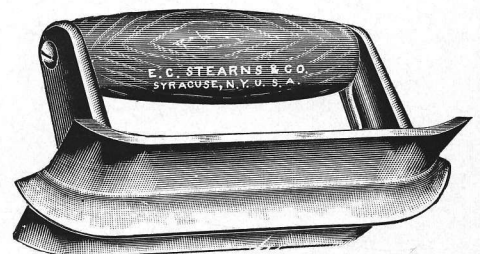
Packed 6 in a box.

## Jointer Both Ends Turned Up

### List Price

No.	Length In.	Width In.	Depth of Cut	Width of Cut	Weight Per Dozen	Dozen
106	6	2¾	½	¾	14 lb.	\$7.00

Packed 6 in a box.





## Jointer One End Straight



### List Price

No.	Length In.	Width In.	Depth of Cut	Width of Cut	Weight Per Dozen	Dozen
109	6	3	$\frac{1}{2}$	$\frac{3}{8}$	17 lb.	\$7.00

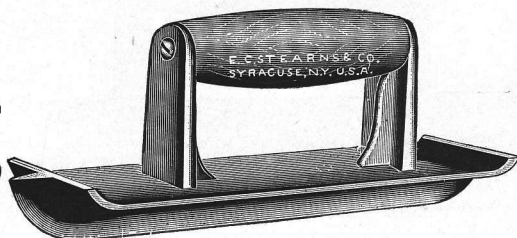
Packed 6 in a box.

## Narrow Jointer Both Ends Turned Up

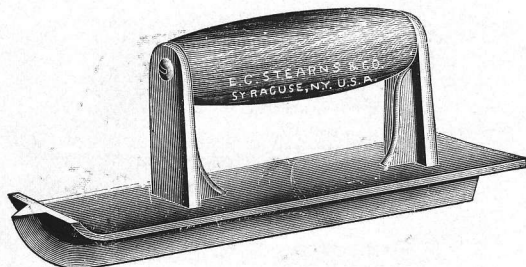
### List Price

No.	Length In.	Width In.	Depth of Cut	Width of Cut	Weight Per Dozen	Dozen
107	8	$1\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	14 lb.	\$7.00

Packed 6 in a box.



## Narrow Jointer One End Straight



### List Price

No.	Length In.	Width In.	Depth of Cut	Width of Cut	Weight Per Dozen	Dozen
110	8	$1\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	14 lb.	\$7.00

Packed 6 in a box.



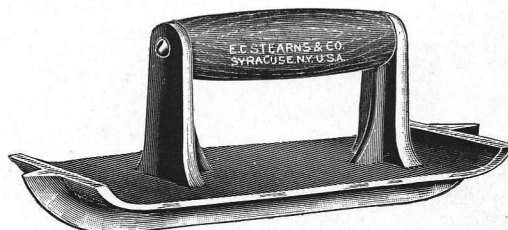


## Large Jointer

### List Price

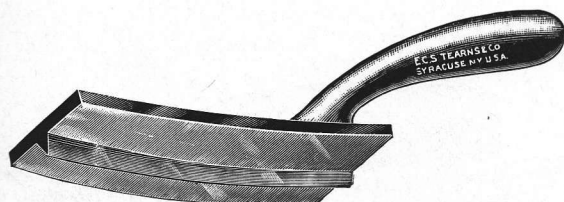
No.	Length In.	Width In.	Depth of Cut	Width of Cut	Weight Per Dozen	Dozen
134	9	3	$\frac{1}{2}$	$\frac{3}{8}$	21 lb.	\$12.00

Packed 6 in a box.



## Iron Handle Jointer

### List Price



No.	Length In.	Width In.	Depth of Cut	Width of Cut	Weight Per Dozen	Dozen
133	$4\frac{3}{4}$	$2\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{16}$	21 lb.	\$7.00

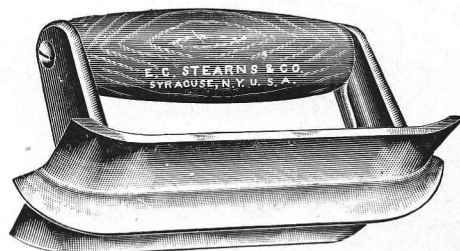
Packed 6 in a box.

## Small Groover Both Ends Turned Up

### List Price

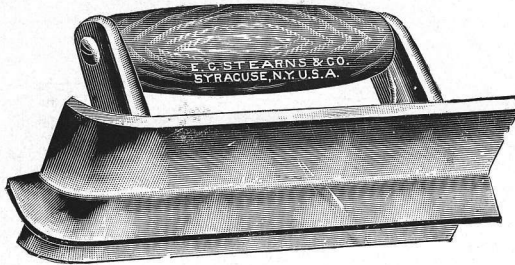
No.	Length In.	Width In.	Depth of Cut	Width of Cut	Weight Per Dozen	Dozen
104	6	3	$\frac{1}{2}$	$\frac{1}{2}$	15 lb.	\$7.00

Packed 6 in a box.





## Small Groover One End Straight



### List Price

No.	Length In.	Width In.	Depth of Cut	Width of Cut	Weight Per Dozen	Dozen
191	6	3	$1\frac{1}{2}$	$1\frac{1}{2}$	15 lb.	\$7.00

Packed 6 in a box.

## Large Groover "V" Shaped Groover

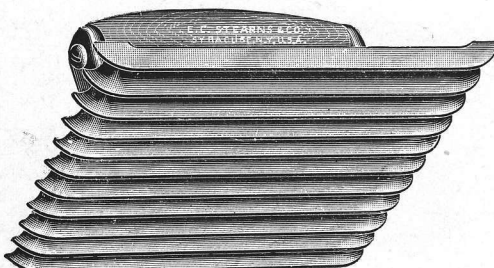
### List Price

No.	Lgth. In.	Wdth. In.	Dpth. of Cut	Wdth. of Cut	Weight Per Doz.	Dozen
105	9	3	$\frac{3}{4}$	$\frac{5}{8}$	26 lb.	\$12.00

Packed 6 in a box.



## Corrugating Tool



### List Price

No.	Length In.	Width In.	Number of Corrugations	Weight Per Dozen	Dozen
119	6	$4\frac{1}{2}$	10	22 lb.	\$18.00

Packed 6 in a box.



## Indentation Roller

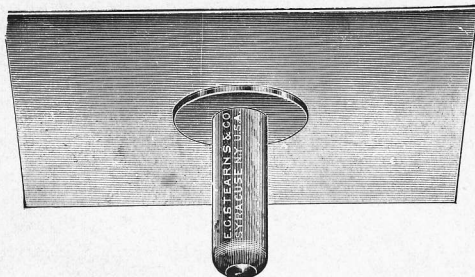
### List Prices

No.	Length In.	Diameter In.	Weight Each	Each
127	10	4	9 lb.	\$4.00
127 $\frac{1}{2}$	6	4	5 lb.	3.60

Packed in bulk.



## Aluminum Hawk



Made from hard rolled aluminum. The flange is securely riveted to the blade and provided with threaded hub to hold handle. Detachable handle made of hard maple, 5 inches long, 1 $\frac{3}{4}$  inches in diameter.

Furnished with rubber pad.

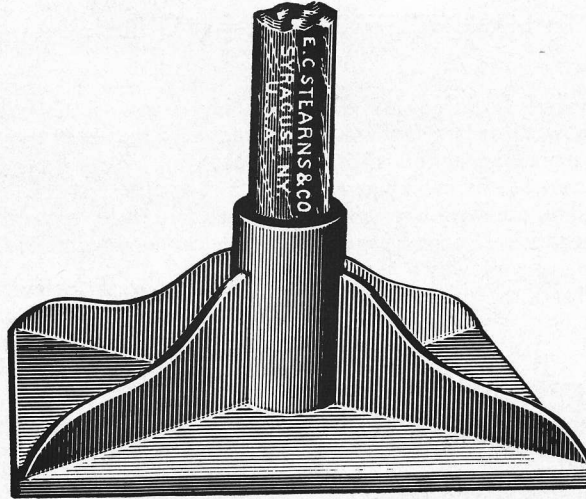
### List Prices

No.	Size In.	Weight Per Dozen	Dozen
144	13 x 13	36 lb.	\$37.00
145	14 x 14	45 lb.	42.00

Packed 3 in a box.



# *Iron Tampers* *With Wood and Iron Pipe Handles*



## List Prices

### 4 FT. WOOD HANDLE

No.	Size of Base Inches	Weight Each Pounds	Dozen
311	6 x 6	10	\$13.00
411	6 x 8	12	15.00
611	8 x 8	13	18.00
711	8 x 10	15	20.00
811	10 x 10	18	24.00
911	12 x 12	22	30.00

### 4 FT. IRON PIPE HANDLE

No.	Size of Base Inches	Weight Each Pounds	Dozen
131	6 x 6	15	\$19.00
141	6 x 8	17	22.00
151	8 x 8	18	25.00
161	8 x 10	20	27.00
171	10 x 10	23	29.00
181	12 x 12	27	35.00

All wood handles can be replaced readily by removing the broken one and driving the new handle into socket. All bases are japanned.





## *The Incinerite*

### *Portable and Wall Types*

FIRED WITH MANUFACTURED GAS — NATURAL GAS — KEROSENE

Numerous forms of so-called Portable (as distinguished from Built-In) Incinerators are available to be purchased. They vary greatly in design and construction, likewise in price. Many of them will burn paper and other readily combustible waste materials satisfactorily. Others will dispose of moderate amounts of garbage and wet waste if it is liberally diluted with dry material of high fuel value.

Only a few actually are capable of solving satisfactorily the ever present household problem represented by the daily accumulation of wet garbage. Its disposal truly is a problem, frequently more vexatious than any other, and usually attended by greater inconvenience than all the rest.

The Stearns Incinerite of either the Portable or Wall type completely and permanently solves this problem once it is installed, because it does what an incinerator is intended to do—it burns garbage completely and without odor—it does not consume enormous quantities of gas or other fuel in doing it—it stands up and gives the service that such equipment should give under the hardest kind of usage.

The same durable and practical features characterize these units, and in them the same honest and liberal construction will be found as prevail in the other types of apparatus for incineration constituting the Stearns line.

As a measure of their value and of their permanent utility we invite a comparison of their weights with those of others of similar cubical capacities. In this connection it should be borne in mind that weight correlated with capacity is a fair measure of value, of general ruggedness of construction, and of durability in any stovetop structure having for its functions the drying and complete incineration of wet garbage and similar refuse.

Stearns Portable and Wall type Incinerites are not an experiment. They should not be confused with flimsily constructed affairs built to be sold at a price, nor with impractical assemblies of grate castings and sheet steel casings of limited durability. On the contrary, they are made with a heavy cast iron fire box equipped with scientifically designed grates and burners, and surrounded by an insulated casing of heavy steel. They are practically indestructible, and have stood the test of time and experience under the most varied and severe conditions of use. They actually do serve their intended purpose year after year with practically no expense for renewals and repairs and with a minimum of expense for gas or other similar fuels.



WALL TYPE

# STEARNS INCINERATORS

MANY AND DIVERSE APPLICATIONS are made of the Incinerite in its Portable and Wall Type forms, aside from its use in the household.

IT SERVES SCHOOLS, STORES, factories, hospitals, clubs, banks, dormitories, and many other establishments too numerous to mention.

## Construction and Data

### GENERAL

The general construction and internal structure of both the Portable and Wall type Incinerites is illustrated by the sectional view of the Portable unit on this page.

The extremely heavy cast iron fire box, together with the scientific arrangement of grates and burners characterize this equipment, and differentiate it from all other apparatus of the same general nature.

The gas burner system and the arrangement of grates are such that always, irrespective of the way in which the Incinerite is loaded with wet garbage or similar refuse, it performs its functions perfectly.

Grates and other interior parts may be removed readily and replaced without the aid of tools of any kind.

Crockery, cans, and other incombustible material that may enter the Incinerite are easily removed by dumping the horizontal grates.

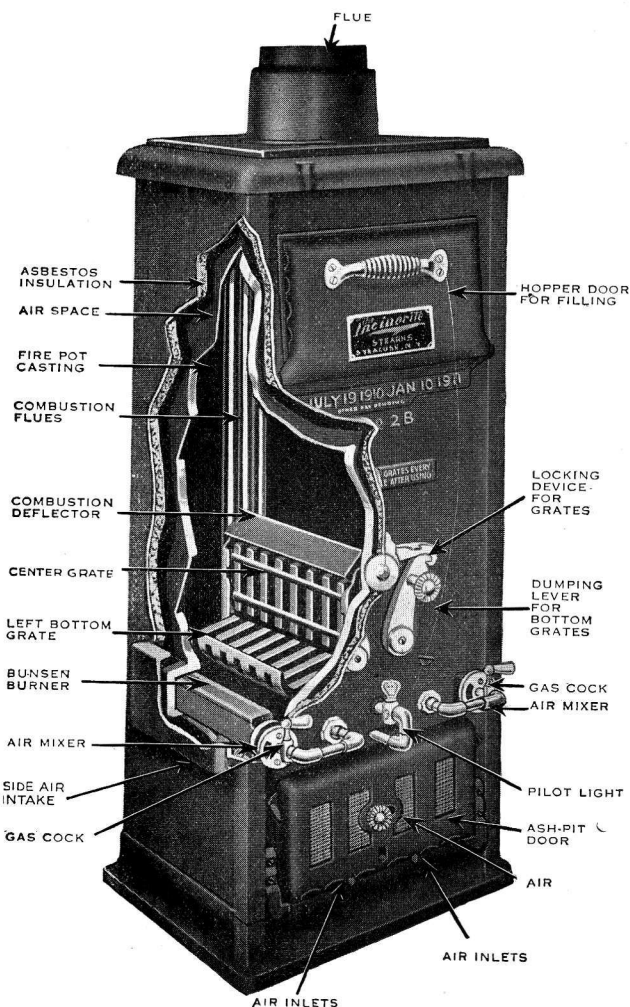
Flame travel originating at the gas burners is so directed by the grate arrangement and by the draft passages as to produce; first, the maximum and most efficient rate of drying of the accumulated material, and next, complete and rapid combustion of the charge.

All garbage and waste are completely consumed at each burning of the Incinerite to a small residue of dry, completely sterilized ash.

### FUEL

The fuels used with the Portable and Wall type Incinerites are either manufactured gas, natural gas, or kerosene, and with any of these types of fuel incineration of all forms of refuse is rapid and complete.

Gas Fired installations may be equipped with the Time-O-Stat, which is adjusted when the gas burners are lighted to limit the period of gas consumption, and which automatically shuts off the gas at the end of the predetermined time. The use of the Time-O-Stat equipment makes provision against the unnecessary consumption of gas that may result



# STEARNS INCINERATORS

from failure to turn off the burners sufficiently early during the burning of a charge.

The charging of considerable amounts of combustible refuse such as waste paper into the Incinerite along with garbage and wet refuse is advisable. The presence of such combustible material not only decreases the consumption of gas or other auxiliary fuel, but also facilitates the drying and burning of an accumulated charge by rendering it less dense and thereby improving the draft.

The table on page 61 provides information on gas consumption per hour and on the time required

to consume a full charge of clear wet garbage in the four sizes of these units. It should be noted that these figures represent extreme conditions, namely the complete absence of dry combustible material from the charge. As a rule it is quite unnecessary to consume gas during the entire time of burning. The period of gas consumption may be as low as fifteen minutes, depending upon how much readily combustible material relative to garbage and wet refuse has been included in the charge; and depending also upon the time during which the charge has been subjected to pre-drying by natural draft prior to its ignition.

## Stearns Built-In Type Incinerators and Destructors

In addition to the Portable and Wall-type Incinerators described on the foregoing pages, this Company also manufactures a complete line of Built-In type units and Destructors.

Built-In units provide hopper door service for the disposal of refuse and garbage from all floors of the buildings in which they are installed. They are extensively used in private residences, and in the larger sizes are invariably used in Apartment Buildings, Dormitories, and similar structures.

For Schools, Hospitals, Warehouses, Industrial Plants, and the like both Built-In and Destructor types of Incinerators are frequently employed.

Literature, blueprints, estimates and other information concerning Stearns Built-In Incinerators and Destructors will be provided upon request.



PORTABLE INCINERITE



## Details of Portable and Wall Type Units

### CAPACITIES — GAS CONSUMPTION — BURNING TIME

Size	Capacity	Cubic Feet Gas Per Hour at 3½ inches Pressure	Time to Consume Charge *
1	5/8 Bushel	60	25 Minutes
2	1 1/4 "	70	30 Minutes
3	2 "	100	1 Hour
4	4 "	150	2 Hours

\* For a full charge of wet garbage — less time is required for charges containing admixed dry material and for charges that have been allowed to pre-dry. The period of gas consumption varies according to the nature and condition of the charge.

### DIMENSIONS — WEIGHTS — CAPACITIES

Type	No.	Floor Space Occupied	Width	Depth	Height	Shipping Weight	Gas Con- nection (Inside Measure)	Smoke Pipe (Diam.)	Capacity	
Portable	1	15x15"	15"	15"	30"	325 lbs.	3/4"	5"	5/8 bu.	Numbers 1, 2, 3 and 4 are for floor installation with pipe connection to the chimney.
Portable	2	18x18"	18"	18"	40"	500 lbs.	3/4"	6"	1 1/4 bu.	
Portable	3	22x23"	22"	23"	52"	900 lbs.	3/4"	7"	2 bu.	
Portable	4	26x25"	26"	25"	59"	1400 lbs.	3/4"	8"	4 bu.	
Wall	101		14"	13"	31 1/2"	325 lbs.	3/4"	5"	5/8 bu.	Numbers 101, 102 and 103 are provided with an ash pan under the grates.
Wall	102		16 1/4"	16"	37"	500 lbs.	3/4"	6"	1 1/4 bu.	
Wall	103		20 1/2"	19 1/2"	50"	880 lbs.	3/4"	7"	2 bu.	
Wall	100		14"	13"	31 1/2"	325 lbs.	3/4"	5"	5/8 bu.	Numbers 100, 200 and 300 are constructed, as shown below, with an ash hopper emptying into the chimney.
Wall	200		16 1/4"	16"	37"	500 lbs.	3/4"	6"	1 1/4 bu.	
Wall	300		20 1/2"	19 1/2"	50"	880 lbs.	3/4"	7"	2 bu.	

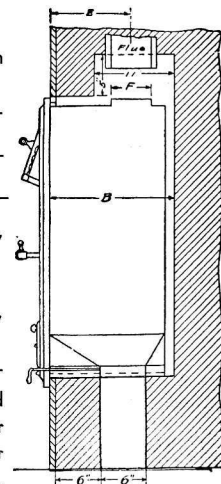
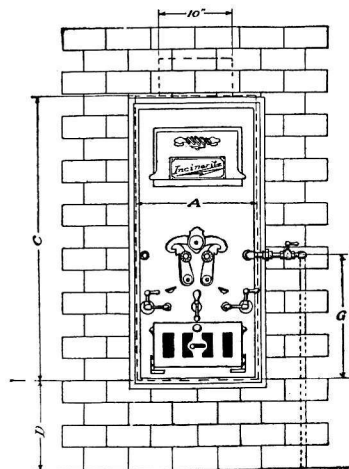
### WALL TYPE DIMENSIONS

NOTE — Care should be taken that opening in wall is in accordance with this table.

#### DIMENSIONS OF WALL RECESS

Nos.	A	B	C	D	E	F	G
101	14 1/4"	14"	33"	18"	6"	5"	14"
102	17 1/4"	17"	38 1/2"	12"	10 3/4"	6"	14 1/2"
103	21 3/4"	20 1/2"	51 1/2"	6"	13"	7"	17"
100	14 1/4"	14"	33"	18"	6"	5"	14"
200	17 1/4"	17"	38 1/2"	12"	10 3/4"	6"	14 1/2"
300	21 3/4"	20 1/2"	51 1/2"	6"	13"	7"	17"

Numbers 102A and 103A, having weights, dimensions, and other details like numbers 102 and 103, are constructed for chimney feed. This construction permits of the use of hopper doors installed in the chimney on floors above the Incinerite.





# STEARNS

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